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Sequence 2809, Application US/09248796A

Patent No. 6747137

GNBRAL INFORMATION:
GNBRAL INFORMATION:
APPLICANT: Keith Weinstock et al
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANE
FITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
FILE REFERENCE: 107196.132
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT APPLICATION NUMBER: US 60/074,725
PRIOR FILING DATE: 1998-02-13
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APPLICANT: VENTERLAW:

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PRESESEQ for Windows Version 4.0

SEQ ID NO 111397

LENGTH: 601
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                CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-30
PRIOR PILING DATE: 2000-10-31,498
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NO 80901
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; Sequence 111397, Application US/09949016
; Patent No. 6812339
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FILE REFERENCE: CL001307
                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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ORGANISM: Human
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Patent No. 6747137

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICAN TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT PELICATION NUMBER: US/09/248,796A
CURRENT PILING DATE: 1999-02-13
PRIOR PELICATION NUMBER: US 60/074,725
PRIOR PELICATION NUMBER: US 60/074,725
PRIOR PELICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-02-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 10881
LENGTH: 366
          TITLE OF INVENTION: DOLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE OF INVENT DISCOULDING OF OPERATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR PPLICATION NUMBER: 60/241,755

PRIOR PPLICATION NUMBER: 60/241,755

PRIOR PPLICATION NUMBER: 60/231,498

PRIOR PLING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 14010

LENGTH: 34408
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; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.;
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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US-09-949-016-14010
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Best Local Similarity 90.5
Matches 19; Conservative
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US-09-949-016-14083/c
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ORGANISM: Human
                              ; ORGANISM: Human
US-09-949-016-13408
  ; TYPE: DNA
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Sequence 13408, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

TTILE OF INVENTION: POLYMOREHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REPRENCE: CL001307

CURRENT APPLICATION WUMBER: 00/2414

PRIOR PILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PEASESEQ for Windows Version 4.0

LENGTH: 49378
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Sequence 14816, Application US/09949016

Batent No. 6812339

GENERAL INFORMATION:
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-10-44

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FEBSESEQ for Windows Version 4.0
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                                                                                                                                                                                                                              Score 17.8; DB 4; Length 711; Pred. No. 1.2e+02;
                                                                                                                                                                                                                           80.9%; Score 17.8; Dilarity 90.5%; Pred. No. 1.2e Conservative 0; Mismatches
PRIOR APPLICATION NUMBER: US 60/096,409
PRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 2809
LENGTH: 711
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                                                                                                                                                                                                                                                                                                                               2 ATTCCCCATCTCTCTTT
                                                                                                                               ; TYPE: DNA; ORGANISM: Candida albicans
US-09-248-796A-2809
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Best Local Similarity
Matches 19; Conserv
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Best Local Similarity
Matches 19; Conserv
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US-09-949-016-14816
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LENGTH: 45086
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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR PILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PRESEQ FOR Windows Version 4.0
LENGTH: 199471
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF FILE REPERENCE: CLO01307
CURRENT APPLICATION NUMBER: uS/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-3
PRIOR FILING DATE: 2000-10-3
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-09
PRIOR FILING DATE: 2000-10-09
PRIOR FILING DATE: 2000-10-09
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                   DB 4; Length 49378;
                   80.9%; Score 17.8; DB 4
90.5%; Pred. No. 2e+02;
iive 0; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 69074
LENGTH: 601
TYPE: DNA
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Patent No. 6812339
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Patent No. 6812339
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| LOCATION: (1)...(199471)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14083
Query Match
Best Local Similarity 90.5°
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Best Local Similarity 90.5
Matches 19; Conservative
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Gaps

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1; Indels
  0; Mismatches
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94.78;
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Best Local Similarity 94.7%
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Best Local Similarity 94.7
Matches 18; Conservative
Matches 18; Conservative
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ORGANISM: Human
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US-09-949-016-16092
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Sequence 137497, Application US/09949016

Patent No. 681239

GRENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT PILING DATE: 2000-04-14

FRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-20

PRIOR PELICATION NUMBER: 60/231,498

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 137497
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Sequence 16529, Application US/09949016

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT PILING DATE: 2000-04-14

FRIOR FILING DATE: 2000-10-20

FRIOR FILING DATE: 2000-10-20

FRIOR APPLICATION NUMBER: 60/231,498

FRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 16528

LENGTHARE: FRESE for Windows Version 4.0

SEQ ID NO 16528
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                                                         Query Match 79.1%; Score 17.4; DB 4; Length 601; Best Local Similarity 94.7%; Pred. No. 1.8e+02; Matches 18; Conservative 0; Mismatches 1; Indels (
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Pred. No. 1.8e+02;
0; Mismatches 1; Indels (
                                                                                                                                                                                               331 Arrececarerererrer 313
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19.1%; Scc
Best Local Similarity 94.7%; Pre
Matches 18; Conservative 0;
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Best Local Similarity
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US-09-949-016-137497
; ORGANISM: Human
US-09-949-016-69074
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; ORGANISM: Human
US-09-949-016-16528
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US-09-949-016-12500

Sequence 12500

Sequence 
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Patent No. 6812339

GENERAL INPORMATION:
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REPERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
FRIOR PRILING DATE: 2000-04-14
FRIOR PELING DATE: 2000-10-20
FRIOR FILING DATE: 2000-10-03
FRIOR FILING DATE
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Pred. No. 2.9e+02;
0; Mismatches 1; Indels 0;
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-004-14
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-00-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FREEEEQ for Windows Version 4.0
SEQ ID NO 15006
                                 GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-30
PRIOR PILING DATE: 2000-10-31
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-0-09-08
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3e+02;
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94.7%; Pred. No. 3e+02;
... 0; Mismatches
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SOFTWARE: PastSEQ for Windows Version 4.0
Sequence 13769, Application US/09949016 Patent No. 6812339
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OTHER INFORMATION: n = A,T,C or G
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Best Local Similarity 94.7
Matches 18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                      ) ORGANISM: Human
US-09-949-016-13769
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                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 13769
LENGTH: 58844
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                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
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APPLICANT: Tatsuo, SUGIYAMA et al.
TITLE OF INVENTION: PLANT REGULATOR PROTEIN AND NUCLEIC ACID CODING FOR THE SAME
FILE REPERENCE: 0760-0268
CURRENT APPLICATION NUMBER: US/09/308,386A
CURRENT FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin version 3.0
SEQ ID NO 2
LENGTH: 813
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                                                                             APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dobert, S.
APPLICANT: Glordano, J.Y.
TITLE OPE INVENTION: ESTS and Encoded Human Proteins.
FILE REFERENCE: GENSET. 054PR2
CURRENT APPLICATION NUMBER: US/09/621,976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.pm
SEQ ID NO 9098
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TITLE OF INVENTION: Maize Aquaporins and Uses Thereof
TITLE REFERENCE: 0919
CURRENT APPLICATION NUMBER: US/09/372,422A
CURRENT FILING DATE: 1999-08-11
PRIOR APPLICATION NUMBER: US 60/098,692
PRIOR FILING DATE: 1998-08-31
                   Sequence 9098, Application US/09621976 Patent No. 6639063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    412 GATTCTCCATCTCTGATTCTTT 391
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Patent No. 6313375
GENERAL INFORMATION:
APPLICANT: Rudolf Jung
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GATTCCCCATCTCTCTTT 22
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Best Local Similarity 86.4%;
Matches 19; Conservative
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Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; NAME/KEY: CDS
; LOCATION: (76)..(546)
US-09-308-386A-2
                                                                     GENERAL INFORMATION:
JS-09-621-976-9098/c
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ORGANISM: Maize
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US-09-372-422A-29/c
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us-09-909-317-1.rni

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Sequence 17107/c

1S=09-949-016-17107/c

1S=09-949-016-17107/c

1S=09-949-016-17107/c

1S=09-949-016-17107/c

1S=09-949-016-17107/c

1S=08-016-17107/c

1TILE OF INVERMATION:

1TILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

1TILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

1TILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

1TILE OF INVENTION: WIMBER: US/09/949,016

1CURRENT PILLING DATE: 2000-04-14,755

1PRIOR PILLING DATE: 2000-10-20

1PRIOR PILLING DATE: 2000-10-03

1PRIOR PILLING DATE: 2000-10-03

1PRIOR PILLING DATE: 2000-09-08

1PRIOR FILLING DATE: 2000-09-08

1PRIOR FILLING DATE: 2000-09-08

1PRIOR FILLING DATE: 2000-09-08

2PRIOR FILLING DATE: 2000-09-08

2PRIOR PILLING DATE: 2000-09-08

2PRIOR FILLING DATE: 2000-10-03

2PRIOR PILLING DATE: 2000-10-03

2PRIOR FILLING DATE: 2000-10-03

2
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION:
TITLE DE INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20;
PRIOR PELING DATE: 2000-10-03;
PRIOR PILING DATE: 2000-10-03;
PRIOR PILING DATE: 2000-10-03;
PRIOR PILING DATE: 2000-10-03;
PRIOR FILING DATE: 2000-10
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Pred. No. 3.1e+02;
0; Mismatches 3;
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                                                                                                                                                                        Sequence 17377, Application US/09949016
Patent No. 6812339
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, LOCATION: (1)...(16216)
, OTHER INFORMATION: n = A,T,C or G
US-09-949-016-17377

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Best Local Similarity 86.4%;
Matches 19; Conservative (
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Matches 19; Conservative
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ORGANISM: Human
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ORGANISM: Human
                                                                                                                                        US-09-949-016-17377
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APPLICANT: Massaya YAMANOUCHI
APPLICANT: Massaya YAMANOUCHI
APPLICANT: Hiromi HASE
APPLICANT: Akiromi HASE
APPLICANT: Akiromi HASE
APPLICANT: Takeshi SUGAYA
APPLICANT: Takeshi SUGAYA
APPLICANT: Takeshi SUGAYA
APPLICANT: Takeshi SUGAYA
TITLE OF INVERTION: Therapeutic Agents for Renal Diseases and Method for Screening th
FILE REFERENCE: 020-4935P
CURRENT APPLICATION NUMBER: US/09/979, 765
CURRENT APPLICATION NUMBER: UP 99-147635
PRIOR PILING DATE: 1999-05-27
PRIOR PILING DATE: 1999-09-21
NUMBER OF SEQ ID NOS: 1
SEQ ID NO 1
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| LOCATION: (4661)...(4666)
| COTHER INFORMATION: peroxisome proliferator responsive element (PPRE)
| NAME/KEY: misc_binding
| LOCATION: (4544)...(4551)
| COTHER INFORMATION: hepatic nuclear factor(HNF) binding-site
| NAME/KEY: misc_binding
| LOCATION: (3758)...(3765)
| COTHER INFORMATION: hypoxia inducible factor(HIF) binding-site
| US-09-979-765-1
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OTHER INFORMATION: peroxisome proliferator responsive element (PPRE)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 78.2%; Score 17.2; DB 3; Length 1087; Best Local Similarity 86.4%; Pred. No. 2.3e+02; Matches 19; Conservative 0; Mismatches 3; Indels 0;
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 29
LENGTH: 1087
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LOCATION: (4691)...(4697)
NAME/KEY: misc signal
LOCATION: (4136)...(4141)
OTHER INFORMATION: GATA_signal
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; LOCATION: (125)...(872)
US-09-372-422A-29
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                 TYPE: DNA
ORGANISM: Zea mays
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1423 | |||||| ||||||| ||||| 1402
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ORGANISM: Human
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| Sequence 13548, Application US/09949016
| Patent No. 6812339 |
| Patent No. 6812339 |
| Patent No. 6812339 |
| Fatent No. 6812339 |
| TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| CURRENT FILING DATE: 2000-04-14 |
| PRIOR APPLICATION NUMBER: 60/241,755 |
| PRIOR APPLICATION NUMBER: 60/237,768 |
| PRIOR PELICATION NUMBER: 60/231,498 |
| PRIOR PELING DATE: 2000-10-03 |
| PRIOR PELING DATE: 2000-09-08 |
| NUMBER OF SEQ ID NOS: 207012 |
| SOFTWARE: FatESEQ for Windows Version 4.0
                                                                                                                        GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

GURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-02

PRIOR FILING DATE: 2000-10-03

PRIOR PLING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PRESEQ FOR Windows Version 4.0

LENGTH: 46085
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 78.2%; Score 17.2; DB 4; Length 46085; Best Local Similarity 86.4%; Pred. No. 3.5e+02; Matches 19; Conservative 0; Mismatches 3; Indels 0;
                                                                            Application US/09949016
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NAME/KEY: misc_feature
| LOCATION: (1)...(46085)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-13548
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78.2%;
Best Local Similarity 86.4%;
Matches 19; Conservative (
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                                                      US-09-949-016-13547/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 13548
LENGTH: 46085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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Sequence 15403, Application US/09949016

Sequence 15403, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-10-20

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR PILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 15403

LENGTHERE PRESENTED OF WINDOWS VETSION 4.0

SEQ ID NO 15403
Sequence 14693, Application US/09949016

Facent No. 6812339

GENERAL INFORMATION

APPLICAT'S VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TILLE APPLICATION NUMBER: US/09/949,016

CURRENT APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-10-05

NUMBER OF SEQ ID NOS: 207012

SEQ ID NOS: 207012

SEQ ID NO 14693
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    78.2%; Score 17.2; DB 4; Length 98864; 86.4%; Pred. No. 3.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NAME/KEY: misc_feature
| LOCATION: (1)...(85122)
| OTHER INFORMATION: n = A,T,C or G
| US-09-949-016-14693
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OTHER INFORMATION: n = A,T,C or G
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Best Local Similarity
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Indels

Mismatches

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Matches

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us-09-909-317-1.rni

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Sequence 14404, Application US/09949016

Sequence 14404, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE OF INVENTION WIMBER: US/09/949,016

CURRENT APPLICATION NUMBER: 60/231,768

PRIOR PILING DATE: 2000-10-20

PRIOR PLING DATE: 2000-10-3

PRIOR FILING DATE: 2000-10-3

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PESELSEQ for Windows Version 4.0

SEQ ID NO 13404

LENGTHEREOF
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1 Sequence 29029, Application US/09513999C

2 Sequence 2029.3 Application US/09513999C

3 GENERAL INFORMATION:
4 APPLICANT: Duclert, A.
5 APPLICANT: Duclert, A.
7 TITLE OF INVENTION:
5 PATENT NO. 6783961

5 FILE REPERENCE: 59.US2.REG
7 CURRENT APPLICATION NUMBER: US/09/513,999C

CURRENT FILING DATE: 2000-02-24

7 PRIOR APPLICATION NUMBER: US 60/122,487

7 PRIOR FILING DATE: 1999-02-26

7 NUMBER OF SEQ ID NOS: 36681

7 SEQ ID NO 29029
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Pred. No. 4.1e+02;
0; Mismatches 3;
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                                                                       54211 GATTCCCTATCTTCTTTTTT 54190
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86.4%;
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LOCATION: 53
OTHER INFORMATION: n=a, g,
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Best Local Similarity 86.4
Matches 19; Conservative
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LOCATION: 51
OTHER INFORMATION: v=a or
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OTHER INFORMATION: n=a,
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ORGANISM: Homo sapiens
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LOCATION: 52
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ORGANISM: Human
                                                                                                                                                                             US-09-949-016-13404
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CL001307
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-00
PRIOR FILING DATE: 2000-00-00-00
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  Gaps
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78.2%; Score 17.2; DB 4; Length 119214;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0;
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                                                                                                                                                                                                               Sequence 3, Application US/10148806
Sequence 3, Application US/10148806
Sequence 3, Application US/10148806
Sequence 3, Application US/10148806
Sequence 10, Application
APPLICANT: Bai, Chang
APPLICANT: Bai, Chang
APPLICANT: Bai, Klaomel
TITLE OF INVENTION: HELICAEE
FILE REPERENCE: 20585F
CURRENT APPLICATION NUMBER: US/10/148,806
CURRENT FILING DATE: 2002-06-05
FRIOR PPLICATION NUMBER: US/0/33065
FRIOR PILING DATE: 1000-12-09
FRIOR PILING DATE: 1099-12-09
NUMBER OF SEQ ID NOS: 38
SOPTUMENT PARESCO for Windows Version 4.0
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         46517 GTTTCCCCTTCTCTCTTT 46496
                                                                                                     21053 GATTCACCCTCTGTCTTTCTTT 21032
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Patent No. 6812339
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| LOCATION: (1)...(119214)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-12507
19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapien
US-10-148-806-3
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US-09-949-016-12507/c
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SEQ ID NO 12507
LENGTH: 119214
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US-09-513-999C-32790

i. Sequence 32790, Application US/09513999C

j. Sequence 32790, Application US/09513999C

j. Sequence 32790, Application US/09513999C

j. Repericant information:
 j. APPLICANT: Duclart, A.
 j. APPLICANT: Duclart, A.
 j. APPLICANT: Glordano, J.Y.
 j. TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 j. Patent No. 6783961
 j. File Reference: 59.US2.REG
 j. FILE REFERENCE: 59.US2.REG
 j. CURRENT APPLICATION NUMBER: US/09/513,999C
 j. CURRENT FILING DATE: 1999-02-24
 j. PRIOR FILING DATE: 1999-02-24
 j. NUMBER OF SEQ ID NOS: 36681
 j. SOFFWARE: Patent.pm
 j. SEQ ID NO 32790
 j. LENGTH: 344
 j. MUMBER: Patent.pm
 j. SEQ ID NO 32790
                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                          Query Match

76.4%; Score 16.8; DB 2; Length 301;
Best Local Similarity 90.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           21
                                                                                                                                                                                                                                                                                                               PCTTT 22
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                                                                                                                                                                   MOLECULE TYPE: DNA (genomic) US-08-332-766A-23
TELEFAX: (202) 822-0944
TELEX: 6714627 CUSH
INPORMATION FOR SEQ ID NO: 23
SEQUENCE CHARACTERISTICS:
LENGTH: 301 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 90.0%;
Matches 18; Conservative
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COTHER INFORMATION: k=g or t

US-09-513-999C-32790
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LOCATION: 102
OTHER INFORMATION: s=g or
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 107 _____OTHER INFORMATION: r=a or
                                                                                                                                                                                                                                                                                                               3 TICCCCATCICITY
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NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
LOCATION: 107
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LOCATION: 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: misc_feature
                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,766A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFO...
Donald J.
NUMBER: 25,323
NUMBER: 217211/M94/0434/GB
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. 2.8e
4; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: JEFFREYS, Alec J.
APPLICANT: ARMOUR, John
TITLE OF INVENTION: SIMPLE TANDEM REPEATS
NUMBER OF SEQUENCES: 125
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 01-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9326052.9
FILING DATE: 21-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: BIRD, Done 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 1100 New York Avenue, N.W CITY: Washington
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US-08-332-766A-23/c
Sequence 23, Application US/08332766A
; Patent No. 5843647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 162 TTCCCCATCYYTCTTKYTCT 143
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75.0%;
                                                                                                                                                                                                            LOCATION: 146
OTHER INFORMATION: r=a or g
                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 152 TOTHER INFORMATION: r=a or g
                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: 153
OTHER INFORMATION: r=a or g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; LOCATION: 170 ;
; OTHER INFORMATION: s=g or c
US-09-513-999C-29029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 75.0
Matches 15; Conservative
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CCUNTRY: U.S.A.
ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                           LOCATION: 89
OTHER INFORMATION: s=g or
                                            LOCATION: 72
OTHER INFORMATION: r=a or
                                                                                                                                                                                                                                                                                          LOCATION: 147
OTHER INFORMATION: m=a or
                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: misc_feature
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                         NAME/KEY: misc_feature
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FACULANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: 06/241,755
FRIOR APPLICATION NUMBER: 60/241,755
PRIOR PLING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NOS: 207012
LENGTH: 601
LENGTH: 601
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Patent No. 6812319
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
                  WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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Pred. No. 3.2e+02;
                                         FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NO 133079
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90.0%;
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Best Local Similarity 90.0
Matches 18; Conservative
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CRGANISM: Human
US-09-949-016-133080
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ORGANISM: Human
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; Sequence 53550, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISRASE, METHODS OF DETECTION AND USES THEREOF;
; TITLE OF INVENTION: WITH HUMAN DISRASE, METHODS OF DETECTION AND USES THEREOF;
; CURRENT APPLICATION NUMBER: 60/241,755
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR APPLICATION NUMBER: 60/231,768
; PRIOR PILING DATE: 2000-10-03
; PRIOR FILING DATE: 2000-10-03
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 53550
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**APPLICANT: Brett P. Monia

**APPLICANT: William Gaarde

**APPLICANT: Donna T. Ward

**APPLICANT: Susan M. Freier

**APPLICANT: Jacqueline Wyatt

**TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK2 EXPRESSION

**FILE REPERENCE: RTS-0108

**CURRENT APPLICATION NUMBER: US/09/488,744A

**SEQ ID NOS: 88

**SEQ ID NO 10

**LENCTT.**

**LENCTT.**
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Patent No. 6812339
GENERAL INFORMATION: APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 76.4%; Score 16.8; DB 3; Best Local Similarity 90.0%; Pred. No. 3.2e+02; Matches 18; Conservative 0; Mismatches 2;
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Best Local Similarity 90.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(240)
US-09-488-744A-10
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ORGANISM: Human
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NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 160881
LENGTH: 601
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Best Local Similarity 90.0
Matches 18; Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
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CRGANISM: Human
US-09-949-016-160882
                                                                                         ; TYPE: DNA
; ORGANISM: Human
US-09-949-016-160881
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US-09-949-016-160881/C
i Sequence 160881, Application US/09949016
j Pacent No. 6812339
i GENERAL INFORMATION:
j APPLICANT: VENTER, J. Craig et al.
i TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
i TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
i CURRENT APLICATION NUMBER: US/09/949,016
j PRIOR FILING DATE: 2000-04-14
j PRIOR APPLICATION NUMBER: 60/241,755
j PRIOR FILING DATE: 2000-10-20
j PRIOR FILING DATE: 2000-10-3
j PRIOR FILING DATE: 2000-09-08
j PRIOR FILING DATE: 2000-09-08
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GENERAL INFORMATION:

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT FILING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR PELING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012
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90.0%; Pred. No. 3.2e+02;
live 0; Mismatches 2;
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FESTSEQ for Windows Version 4.0
SEQ ID NO 140928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 156380, Application US/09949016
; Patent No. 6812339
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Best Local Similarity 90.09
Matches 18; Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
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US-09-949-016-156380
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 38
US-09-949-016-156380
                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Human
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Sequence 160882, Application US/09949016
; Sequence 160882, Application US/09949016
; Patent No. 681239
; GENERAL INFORMATION:
    APPLICANT: VENTER, US/094918
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WINDER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR PILING DATE: 2000-10-03
; PRIOR PILING DATE: 2000-01-03
; ROFING FILING DATE: 2000-01-03
; PRIOR FILING DATE: 2000-01-03
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-0-0-06
PRIOR FILING DATE: 2000-0-0-06
PRIOR FILING DATE: 2000-0-0-06
SOFTWARE: FastSEQ for Windows Version 4.0
SOFTWARE: FastSEQ for Windows Version 4.0
TYPE: DNA
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                                                                                            Gaps
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76.4%; Score 16.8; DB 4; Length 601; 90.0%; Pred. No. 3.2e+02; ive 0; Mismatches 2; Indels
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Page 15

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Gaps ..

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2; Indels
  0; Mismatches
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                                                                              155 receeererererrierr 136
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; ORGANISM: Drosophila melanogaster
US-09-270-767-4587
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                                        3 TICCCCATCICICITICITI 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      76.4%;
90.0%;
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; ORGANISM: Candida albicans
US-09-248-796A-2987
  18; Conservative
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Matches 18; Conservative
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US-09-270-767-4587
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  Matches
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| Sequence 202254, Application US/09949016
| Patent No. 6812339
| GENERAL INFORMATION:
| APPLICANT: VENTER, J. Craig et al.
| TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
| TILLE REFERENCE: CL001307
| CURRENT APPLICATION NUMBER: 60/241,755
| PRIOR FILING DATE: 2000-10-20
| PRIOR FILING DATE: 2000-10-03
| PRIOR FILING DATE: 2000-10-03
| PRIOR FILING DATE: 2000-09-08
| NUMBER OF SEQ ID NOS: 207012
| SOFTWARE: FESESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
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                                                           Score 16.8; DB 4; Length 601; Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
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Pred. No. 3.2e+02;
                                          76.4%; Scor.
90.0%; Pred. No. ...
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                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PELICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,468
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-00-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PREESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                   ; Sequence 195596, Application US/09949016 ; Patent No. 6812339
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90.0%;
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                                                                              Best Local Similarity 90.0
Matches 18; Conservative
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Best Local Similarity
Matches 18; Conserv
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Best Local Similarity
; ORGANISM: Human
US-09-949-016-196595
                                                                                                                                                                                                                                              RESULT 42
US-09-949-016-196596
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; ORGANISM: Human
US-09-949-016-202254
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LENGTH: 601
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LENGTH: 601
                                                           Query Match
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US-09-248-796A-2987/C
US-09-248-796A-2987/C
US-09-248-796A-2987/C
Sequence 2987, Application US/09248796A
Sequence 2987, Application US/09248796A
Sequence 2987, Application US/09248796A
SEQUENCE NO. 6747137
GENERAL INFORMATION:
NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICANS:
TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
CURRENT APPLICATION NUMBER: US/09/248,796A
CURRENT FILING DATE: 1998-02-13
FRIOR FILING DATE: 1998-02-13
FRIOR FILING DATE: 1998-08-13
NUMBER OF SEQ ID NOS: 28208
SEQ ID NO 2987
LENGTH: 675
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Sequence 4587, Application US/09270767

Patent No. 6703491

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION:

TITLE OF INVENTION Nucleic acids and proteins of Drosophila melanogaster.

TILE REFERENCE: File Reference: 7326-094

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 4587

LENGTH: 865
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APPLICANT: Homburger et al.
TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: File Reference: 7326-094
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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NAME/KEY: primer_bind
LOCATION: 152...170
OTHER INFORMATION: upstream amplification primer
FEATURE:
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   895 TICCCCTCTCATICIT 914
                                                                                                                                                                                                      Sequence 17, Application US/10170097
Patent No. 6794143
GENERAL INFORMATION:
APPLICANT: Blumenfeld, Marta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          895 rrcccccccrcrcrcarrcrrr 914
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NAME/KEY: misc_binding
LOCATION: 459..477
OTHER INFORMATION: 10-33-327.misl
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NAME/KEY: misc_binding
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: allele
LOCATION: 478
                                                                                                                                             RESULT 48
US-10-170-097-17
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APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
APPLICANT: Chen, Annick
ITILE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
ITILE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
FILE REFERENCE: 2000-08-16
FILE REFERENCE: 2000-08-16
FILE REFERENCE: 2000-08-16
FILING DATE: 2000-02-11
PRIOR PAPLICATION NUMBER: US 60/133,200
FRIOR PILING DATE: 1999-05-07
FRIOR PAPLICATION NUMBER: US 60/133,200
FRIOR APPLICATION NUMBER: US 60/119,917
FRIOR FILING DATE: 1999-02-13
FRIOR FILING DATE: 1999-02-12
FRIOR FILING DATE: 1999-02-13
FRIOR FILING DATE: 1999-03-13
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LOCATION: 478
COTHER INFORMATION: 10-33-327: polymorphic base C or T
NAME/KEY: misc binding
LOCATION: 459.477
COTHER INFORMATION: 10-33-327.misl
NAME/KEY: misc binding
LOCATION: 479.498
COTHER INFORMATION: 10-33-327.mis2, potential complement
LOCATION: 479.498
COTHER INFORMATION: 10-33-327.mis2, potential complement
LOCATION: 152.170
COTHER INFORMATION: upstream amplification primer
LOCATION: 553.571
COTHER INFORMATION: downstream amplification primer
NAME/KEY: primer bind
LOCATION: 553.571
COTHER INFORMATION: downstream amplification primer, complement
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                                                                                                                                                                                                                                                                                                                                                   Length 865;
                                                                                                                                                                                                                                                                                                                                                                                                                   2; Indels
                                                                                                                                                                                                                                                                                                                                                Score 16.8; DB 4;
Pred. No. 3.3e+02;
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Best Local Similarity 90.0%; Pred. No. 3.3e
Matches 18; Conservative 0; Mismatches
CURRENT APPLICATION NUMBER: US/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62117
SSCTWARE: Patentin Ver. 2.0
SEQ ID NO 19869
LENGTH: 865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 17, Application US/09641638; Patent No. 6432648; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             764 TTCCCCATCTGACTTTCTTT 783
                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-19869
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 TICCCCATCICTTICITY 22
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APPLICANT: BOUGUELERGY, MAICE
APPLICANT: BOUGUELERGY, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
TITLE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
TITLE OP INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
TITLE OP INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
FILE REPRESENGE: EGN-7114XC2D1
CURRENT APPLICATION NUMBER: US 09/641,638
PRIOR PLICATION NUMBER: US 09/641,638
PRIOR FILING DATE: 2000-08-16
PRIOR PAPLICATION NUMBER: US 60/133,200
PRIOR PAPLICATION NUMBER: US 60/133,200
PRIOR PALICATION NUMBER: US 60/133,200
PRIOR PAPLICATION NUMBER: US 60/133,200
PRIOR PAPLICATION NUMBER: US 60/139,917
PRIOR PAPLICATION NUMBER: US 60/119,917
PRIOR PAPLICATION NUMBER: US 60/119,917
PRIOR PILING DATE: 1999-03-23
PRIOR PILING DATE: 1999-02-12
PRIOR PILING DATE: 1999-02-12
SOFTWARE: PAECH.PM
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LOCATION: 553..571
OTHER INFORMATION: downstream amplification primer, complement
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LOCATION: 479.798
OTHER INFORMATION: 10-33-327.mis2, potential complement
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: 10-33-327 : polymorphic base C or T
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8-09-270-767-5221/c
; Sequence 5221, Application US/09270767
; Patent No. 6703491
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GENERAL INFORMATION:

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TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster; CURRENT APLICATION NUMBER: 05/09/270,767
; NUMBER OF SEQ 1D NOS: 62513
; NUMBER OF SEQ 1D NOS: 62513
; SOFTWARE: Patentin Ver. 2.0
; SOFTWARE: Patentin Ver. 3.0
; SOFTWARE: Patentin Ver. 3.0
; Marches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Marches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Marches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Marches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Marches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Marches 18; Conservative 19/09270767
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Search completed: June 2, 2005, 07:30:05 Job time : 91.3569 secs

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GENERALL INFURCATION:

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108027.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2000-04-30

PRIOR FILING DATE: 2000-04-20

PRIOR PELLOR TION NUMBER: US 60/198,676

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR PELLOR DATE: 2000-04-20

PRIOR PELLOR DATE: 2000-02-24

PRIOR PILING DATE: 2000-02-24

PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-09-18

PRIOR FILING DATE: 1999-08-09

NUMBER OF SEQ ID NOS: 325720

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 190184

LENGTH: 650
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.128

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR FILING DATE: US 60/193,483

PRIOR PLILATION NUMBER: US 60/193,483

PRIOR FILING DATE: US 60/193,483
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Pred. No. 52;
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100.0%; Pred. No. ...
                                                                                                                             Query Match 100.0%; Score 22; DB Best Local Similarity 100.0%; Pred. No. 6.3; Matches 22; Conservative 0; Mismatches
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Publication No. US20030204075A9
GENERAL INFORMATION:
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Publication No. US20020198371A1
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warches 20; Conservative
                        TYPE: DNA
CORGANISM: Homo sapiens
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; ORGANISM: Human
US-10-027-632-190184
LENGTH: 22
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Gaps
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA121

CURRENT APPLICATION NUMBER: US/09/764,878

CURRENT FILING DATE: 2001-01-17

Prior application data removed - consult PALM or file wrapper;
NUMBER OF SEQ ID NOS: 428

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 379

LENGTH: 32189

TYPE: DAM

ORGANISM: Homo sapiens
US-09-764-878-379
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                                                                                                                                                                                                                                                                                                                                 90.9%; Score 20; DB 17; Length 650;
100.0%; Pred. No. 52;
.ive 0; Mismatches 0; Indels
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPERENCE: PA121C1
CURRENT APPLICATION NUMBER: US/10/079,854
CURRENT APPLICATION NUMBER: US/20/22
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 428
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 379
LENGTH: 32189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 19; DB 9; Lot Pred. No. 1.7e+02;
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
SPRIOR FILING DATE: 1999-08-09
SOFTWARE: PSECSO ID NOS: 325720
SOFTWARE: PSECSO for Windows Version 4.0
SEQ ID NO 190184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
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100.0%; Pre
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Best Local Similarity 100.
Matches 20; Conservative
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Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Human
US-10-027-632-190184
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85.5%; Score 18.8; DB 15; Length 1334; 90.9%; Pred. No. 1.8e+02; ive 0; Mismatches 2; Indels 0;
                                                                                 APPLICANT: Allen, William B.
APPLICANT: Allen, William B.
APPLICANT: Gahoon, Rebecca E.
APPLICANT: Famodu, Omolayo O.
APPLICANT: Harvell, Leslie T.
APPLICANT: Harvell, Leslie T.
APPLICANT: Li, Changiang
APPLICANT: Li, Changiang
APPLICANT: Oniveira, Igor Cunha
APPLICANT: Shen, Bo.
TITLE OF INVENTION: Alteration Of Oil Traits In Plants
TITLE OF INVENTION: Alteration Of Oil Traits In Plants
FILE REFERENCE: BB1459 US NA1
CURRENT APPLICATION WHERE: US/10/180,375
CURRENT FILING DATE: 2002-06-26
NUMBER OF SEQ ID NOS: 222
SOFTWARE: Microsoft Office 97
SEQ ID NO 723
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: TATCZYJSKI, Mitchell C.
TITLE OF INVENTION: Alteration Of Oil Traits In Plants
FILE REFERENCE: BB1458 US NA
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CURRENT FILING DATE: 2002-06-27
PRIOR APPLICATION NUMBER: 60/301,913
PRIOR FILING DATE: 2001-06-29
NUMBER OF SEQ ID NOS: 532
SOFTWARE: Microsoft Office 97
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                  Sequence 7, Application US/10180375 Publication No. US20030126638A1 GENERAL INFORMATION:
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Oliveira, Igor Cunha
Sakai, Hajime
Shen, Bo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Allen, William B. Cahoon, Rebecca Epelbaum, Sabine Famodu, Omclayo O. Harvell, Leslie T. Jones, Todd
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Best Local Similarity 90.9
Marches 20, Conservative
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Klein, Ted
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Vitis sp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 1334
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APPLICANT:
APPLICANT:
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Patent No. US20020090615A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: FAL21
CURRENT APPLICANTION NUMBER: US/09/764,878
CURRENT APPLICANTION NUMBER: US/09/764,878
FILE REFERENCE: FAL21
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 428
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 377
LENGTH: 32221
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Publication No. US20030054368A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PA121C1

CURRENT APPLICATION NUMBER: US/10/079,854

CURRENT FILING DATION

NUMBER OF SEC ID NOS: 428

SOFTWARE: PatentIn Ver. 2.0

SEC ID NO 377

LENGTH: 32221
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  Pred. No. 1.7e+02; 
; Mismatches 0;
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; OTHER INFORMATION: n equals a,t,g, or c
US-10-079-854-377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ), OTHER INFORMATION: n equals a,t,g, or c
US-09-764-878-377
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                                                                      CTTT 22
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Best Local Similarity 100.0%; P:
Matches 19; Conservative 0;
Best Local Similarity 100.0%; P
Matches 19; Conservative 0;
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Best Local Similarity 100.
Matches 19; Conservative
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                                                                                                                                                                                                        US-09-764-878-377/c
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Gaps

; 0

Query Match

85.5%; Score 18.8; DB 17; Length 1334;
Best Local Similarity 90.9%; Pred. No. 1.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; 1 GATTCCCCATCTCTTTTT 22

19848 rccccarcrcrcrrrrrr 19830

RESULT 8

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APPLICANT: OLEK, Alexander
APPLICANT: OLEK, Alexander
APPLICANT: PIEBENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determi
TITLE OF INVENTION: Cytosine methylation
TITLE OF INVENTION WHORE: US/10/311,455
CURRENT FILING DATE: 2002-12-16
PRIOR PILING DATE: 2001-07-02
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 2424
SEQ ID NOS: 2424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 191. Application US/10221613
; Sequence 191. Application No. US20040029123A1
; Bedience 191. Application No. US20040029123A1
; GENERAL INFORMATION:
    APPLICANT: OLEK, ALEXANDER:
    APPLICANT: PIEPENBROCK, Christian
    APPLICANT: PIEPENBROCK, Christian
    APPLICANT: BERLIN, Kurt
    TITLE OF INVENTION:
    TITLE OF INVENTION: Diagnosis of Diseases Associated with Cell Cycle
    TITLE OF INVENTION: Diagnosis of Diseases Associated with Cell Cycle
    TITLE OF INVENTION NUMBER: US/10/221,613
    CURRENT FILING DATE: 2002-09-13
    PRIOR APPLICATION NUMBER: PCT/EP01/02945
    DE 10013947.00
    DE 10013958-8
    DE 10019173-8
    DE 10019173-8
    DE 1003829-7
    DE 1003829-7
    DE 1003828-7
    DE 100988-8
    DE 1003828-7
    DE 100988-8
    DE 10098
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83.6%; Score 18.4; DB 17; Length 6351;
Best Local Similarity 95.0%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0;
                                   Sequence 1419, Application US/10311455
Publication No. US20030143606A1
GENERAL INFORMATION:
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2000-06-30
2000-09-01
NUMBER OF SEQ ID NOS: 428
SEQ ID NO 191
LENGTH: 6351
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                                                                                                                                                                                      Sequence 92893, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION NUMBER: US/10/424,599
CURRENT APPLICATION NUMBER: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 92893
LENGTH: 284
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APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT APPLICATION DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
ESEQ ID NO 59036
LENGTH: 1309
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Pred. No. 2.6e+02;
0; Mismatches 1;
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Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1;
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; OTHER INFORMATION: Clone ID: PAT_MRT3847_24320C.1
US-10-424-599-59036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Clone ID: PAT_MRT3847_54898C.1 US-10-424-599-92893
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OTHER INFORMATION: unsure at all n locations
FEATURE:
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1238 GATTCCCAATCTCTCTGTCTTT 1217
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Best Local Similarity 95.0°
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Glycine max
                                                                                                                                                                            US-10-424-599-92893/c
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US-10-424-599-59036/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
NAME/KEY: unsure
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           m
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Gaps

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Gaps

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RESULT 12

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FEATURE:

NAME/KEY: misc feature

LOCATION: (1)...(189817)

COTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-:
US-10-741-601-5660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 17685, Application US/10741600

Publication No. US20050026169A1

GENERAL INFORMATION:
APPLICATION OF USZONGATION:
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: MYOSER: US/10/741,600
CURRENT APPLICATION NUMBER: US/10/741,600
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 73997
SOFTWARE: FRASEQ for Windows Version 4.0
SEQ ID NO 17685
LENGTH: 189817
LENGTH: 189817
TYPE: DAA
ORGANISM: HOMO Sapiens
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Publication No. US20040166519A1
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001500
CURRENT APPLICATION NUMBER: US/10/741,601
CURRENT FILING DATE: 2003-12-22
NUMBER OF SEQ 1D NOS: 26415
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO S660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     83.6%; Score 18.4; DB 18; Length 189817; 95.0%; Pred. No. 3.2e+02; tive 0; Mismatches 1; Indels 0; (
                                                                                                                                                                                                                                                                                                                                                                     Length 127678;
                                                                                                                                                                                                                                                                                                                                                                                                                         1; Indels
                                                                                                                                                                                                                                                                                                                                                                        Score 18.4; DB 19;
Pred. No. 3.2e+02;
0; Mismatches 1;
                    CURRENT APPLICATION NUMBER: US/10/461,862 UNRENT FILING DATE: 2003-06-13 NUMBER OF SEQ ID NOS: 184 SOFTWARE: PastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              84250 TTCCCCTTCTCTTTT 84269
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                                                                                                                                                                                                                                                                      ; LOCATION: (1) ... (127678)
; OTHER INFORMATION: n = A, T, C or G
US-10-461-862-9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 TICCCCATCTCTTTCTTT 22
                                                                                                                                                                                                                                                                                                                                                                        Query Match 83.6%;
Best Local Similarity 95.0%;
Matches 19; Conservative
FILE REFERENCE: 529452001800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ouery Match
Best Local Similarity 95.0°
Matches 19; Conservative
                                                                                                                                                                         TYPE: DNA ORGANISM: Mus musculus
                                                                                                                                                                                                                                            NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Homo sapiens
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US-10-741-600-17685
                                                                                                                   SEQ ID NO 9
LENGTH: 127678
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; LOCATION: (1)...(54016)
; OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-
US-10-741-600-17886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 17886, Application US/10741600
Publication No. US20050026169A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: MYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WYCCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/10/741,600
CURRENT PILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 73997
SEQ ID NO 17886
LENGTH: 54016
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TITLE OF INVENTION: Diagnose von mit Angiogenese assoziierten Krankheiten
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/433,793
CURRENT FILING DATE: 2003-06-06
NUMBER OF SEQ ID NOS: 212
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Pred. No. 3.1e+02;
0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens) US-10-433-793-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 23695;
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APPLICANT: Marc S. Malandro
TITLE OF INVENTION: Novel Therapeutic Targets in Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 83.6%; Score 18.4; DB 18; Best Local Similarity 95.0%; Pred. No. 3e+02; Matches 19; Conservative 0; Mismatches 1;
                         4736 TTCCCCCTCTCTTTCTTT 4717
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                                                                                                                                           US-10-433-793-11/c

; Sequence 11, Application US/10433793
; Publication No. US20040142334A1
; GENERAL INFORMAȚION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 95.0%;
Matches 19; Conservative C
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 15
US-10-741-600-17886/c
                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 11
LENGTH: 23695
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// NAME/KEY: misc_feature
// LOCATION: (1)...(73764)
// COTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-:
US-10-741-601-5616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 31004, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Zhou Yihua
APPLICANT: Covalic David K
APPLICANT: Co
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 566, Application US/10741601
| Publication No. US20040166519A1
| GENERAL INFORMATION:
| APPLICANT: CARGILL, Michele et al.
| TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
| TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
| TITLE OF INVENTION: STENOSIS, METHODS OF DETECTION AND USES THEREOF
| CURRENT APPLICATION NUMBER: US/10/741,601
| CURRENT PILING DATE: 2003-12-22
| NUMBER OF SEQ ID NOS: 26415
| SOFTWARE: FESTESEQ for Windows Version 4.0
| SEQ ID NO 5616
| LENGTH: 73764
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 500;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       81.8%; Score 18; DB 17;
100.0%; Pred. No. 3.7e+02;
iive 0; Mismatches 0;
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100.0%; Pred. No. ...
'-- 0; Mismatches
                                       60/271,955
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i. DCGATION: (491)
i. OTHER INFORMATION: n is a, c, g,
US-10-085-783A-26433
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   PRIOR FILING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: US 60/2;
PRIOR FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 58994
SOFTWARE: Patentin version 3.2
SEQ ID NO 26433
LENGTH: 500
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LOCATION: (11)...(11)
OTHER INFORMATION: n is a,
FEATURE:
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Best Local Similarity 100.
Matches 18; Conservative
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ORGANISM: Homo sapiens
FEATURE:
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Best Local Similarity
Matches 18; Conserva
                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Human
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-424-599-31004
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; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(189817)
; COTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-US-10-741-600-17685
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 26433. Application US/10242535A

Publication No. US20040013663A1

GENERAL INFORMATION:

APPLICANT: Chondrodene Inc.

APPLICANT: Chondrodene Inc.

APPLICANT: Chondrodene Inc.

TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis

ITILE REFERENCE: 4231/2005

CURRENT FILING DATE: 2002-09-12

PRIOR APPLICATION NUMBER: US 10/085,783

PRIOR PILING DATE: 2002-02-28

PRIOR PILING DATE: 2001-07-13

PRIOR PILING DATE: 2001-07-13

PRIOR PILING DATE: 2001-07-13

PRIOR PILING DATE: 2001-07-13

PRIOR PILING DATE: 2001-07-28

NUMBER OF SEQ ID NOS: 58994

SOSTWARR: PARCELIN VERBING 3.2

SEQ ID NO 26433

LENGTH: 500
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Publication No. US20040037841A1
GENERAL INFORMATION:
APPLICANT: ChondroGene Inc.
APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis
FILE REFERENCE: 4331/2002
CURRENT APPLICATION NUMBER: US/10/085,783A
CURRENT FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: US 60/305,340
PRIOR APPLICATION NUMBER: US 60/275,017
                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                       83.6%; Score 18.4; DB 19; Length 189817;
95.0%; Pred. No. 3.2e+02;
iive 0; Mismatches 1; Indels 0;
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Pred. No. 3.7e+02;
0; Mismatches 0;
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: LOCATION: (491)

: OTHER INFORMATION: n is a, c, g, or t

US-10-242-535A-26433
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100.0%; Pred
0; F
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OTHER INFORMATION: n is a, c,
                                                                                                                                                                                                                        Best Local Similarity 95.0
Matches 19; Conservative
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Best Local Similarity 100.
Matches 18; Conservative
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NAME/KEY: misc_feature
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US-10-242-535A-26433/c
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US-10-085-783A-26433/c
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                                                                                                                                                                                              Query Match
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Sequence 206915, Application US/10027632

| Sequence 206915, Application US/10027632
| Publication No. US20020198371A1
| GENERAL INFORMATION:
| APPLICANT WANG, David G.
| TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
| TITLE OF INVENTION: Polymorphisms in the Human Genome
| TITLE OF INVENTION: 10887.129
| FILE REFERENCE: 10887.129
| FILE REFERENCE: 10887.129
| FILE REFERENCE: 10887.129
| FRICH RAPLICATION NUMBER: US 60/198,676
| PRIOR FILING DATE: 2000-07-12
| PRIOR FILING DATE: 2000-07-20
| PRIOR APPLICATION NUMBER: US 60/193,483
| PRIOR FILING DATE: 2000-02-24
| PRIOR FILING DATE: 2000-02-24
| PRIOR FILING DATE: 1999-11-23
| PRIOR FILING DATE: 1999-09-28
                GENERAL INCOMPATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT PILING DATE: 2002-04-30
FRICH APPLICATION NUMBER: US 60/218,006
FRICH APPLICATION NUMBER: US 60/218,006
FRICH FILING DATE: 2000-07-20
FRICH FILING DATE: 2000-07-20
FRICH FILING DATE: 2000-07-20
FRICH FILING DATE: 2000-07-20
FRICH FILING DATE: 2000-03-29
FRICH FILING DATE: 2000-03-29
FRICH FILING DATE: 2000-03-29
FRICH FILING DATE: 1999-11-23
FRICH FILING DATE: 1999-11-23
FRICH FILING DATE: 1999-09-28
FRICH FILING DATE: 1999-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          80.9%; Score 17.8; DB 13; Length 571; 90.5%; Pred. No. 4.6e+02; ive 0; Mismatches 2; Indels 0;
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Best Local Similarity 90.5
Watches 19; Conservative
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Best Local Similarity
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ORGANISM: Human
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; GENERAL INFORMATION:
APPLICANT: INOKO, Hidetoshi
APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT APPLICATION NUMBER: US/257,511
PRIOR PILING DATE: 2003-09-26
PRIOR PLING DATE: 2003-09-26
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
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                                                                                                                                                                                                                                                                                                                                                                                                     Length 324;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 80.9%; Score 17.8; DB 17; Best Local Similarity 90.5%; Pred. No. 4.5e+02; Matches 19; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Clone ID: PAT_MRT3847_128000C.1
US-10-424-599-31004
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CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 31004
LENGTH: 324
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ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                               TYPE: DNA ORGANISM: Glycine max
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Best Local Similarity
Matches 19; Conserv
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Gaps

Page 11

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Query Match
Best Local Similarity 90.5%;
Matches 19; Conservative
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Best Local Similarity 90.5
Matches 19; Conservative
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ORGANISM: Zea mays
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                                                                                                                                TYPE: DNA
ORGANISM: Human
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Sequence 206913, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION UNDER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR PAPLICATION NUMBER: US 60/218,006
PRIOR PRIOR APPLICATION NUMBER: US 60/193,636
PRIOR FILING DATE: 2000-09-20
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-03-24
PRIOR PLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 1999-11-23
PRIOR PLICATION NUMBER: US 60/157,363
PRIOR PLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-108-08
PRIOR FILING DATE: 1999-09-28
PRIOR PLING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
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PRIOR PLING DATE: 1999-09-28
PRIOR PLING DATE: 1999-09-28
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108627.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT PILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/198,066
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/199,483
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
  Gaps
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2; Indels
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2;
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Best Local Similarity 90.5%; Pred. No. 4.6e
Matches 19; Conservative 0; Mismatches
  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 206913
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Publication No. US20030204075A9
GENERAL INFORMATION:
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19; Conservative
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US-10-027-632-206913
  Matches
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US-10-425-115-48053

Sequence 48053, Application US/10425115

Publication Wo. US20040214272A1

GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: Zhou, Yahua
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants
TITLE OF INVENTION: Plants
TITLE OF INVENTION NUMBER: US/10/425,115
CURRENT APPLICATION NUMBER: US/10/425,115
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NO 48053
LENGTH: 671
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A PAPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/130,006
PRIOR FILING DATE: 2000-07-12
PRIOR PLING DATE: 2000-07-12
PRIOR PLING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-13
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR PLILING DATE: 2000-03-29
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Pred. No. 4.6e+02;
0; Mismatches 2;
                                                                                                                                                                                                                          80.9%; Score 17.8; DB 17;
90.5%; Pred. No. 4.6e+02;
live 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: Clone ID: MRT4577_143829C.1 US-10-425-115-48053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: unsure
LOCATION: (1)..(671)
OTHER INFORMATION: unsure at all n locations
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 206915
LENGTH: 571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-027-632-206914/c; Sequence 206914, Application US/10027632; Publication No. US20020198371A1
                                                                                                                                                                                                                                                                                                                                                                                 473 ATTTCCCATCTCCCTTTCTT 453
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PILING DATE: 1999-10-23
PRIOR PILING DATE: 1999-10-23
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
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4.7e+02;
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Pred. No. 4.7e+02;
0; Mismatches 2;
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Pred. No. 4.7e.
0; Mismatches
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR PILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FBELSEQ for Windows Version 4.0
SEQ ID NO 206914
LENGTH: 1143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 206914
LENGTH: 1143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 206914, Application US/10027632; Publication No. US20030204075A9; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1925, Application US/10311455; Publication No. US20030143606A1; GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian; APPLICANT: BERLIN, Kurt
                                                                                                                                                                                                                                                                                                                                                                                                                                                         1045 Arricccarcrccrrrcrrr 1025
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90.5%;
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Best Local Similarity 90.5
Matches 19; Conservative
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Best Local Similarity 90.5
Matches 19; Conservative
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US-10-027-632-206914
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US-10-027-632-206914
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                                                                                                                                                                                                                                       TYPE: DNA
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TITLE OF INVENTION: Diagnosis of Diseases Associated with the Immune System by Determi TITLE OF INVENTION: cytosine methylation FILE REFERENCE: 5013.1014
CURRENT APPLICATION NUMBER: US/10/311,455
CURRENT PILING DATE: 2002-12-16
PRIOR APPLICATION NUMBER: PCT/EP01/07537
PRIOR APPLICATION NUMBER: DE 10013529.7
PRIOR APPLICATION NUMBER: DE 10013529.7
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR APPLICATION NUMBER: DE 10043826.1
NUMBER OF SEQ ID NOS: 2424
SEQ ID NO 1925
LENGTH: 7819
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; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-311-455-1925
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GENERAL INVENTATION:
APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
TITLE OF INVENTION: Diagnosis of Diseases Associated with
TITLE OF INVENTION: Metastasis
FILE REFERENCE: 5013.1007
CURRENT APPLICATION NUMBER: US/10/240,485
CURRENT APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-06
PRIOR PELICATION NUMBER: DE 10019173.8
PRIOR PELICATION NUMBER: DE 10013529.7
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 202
SEQ ID NO 159
LENGTH: 7819
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  80.9%; Score 17.8; DB 15;
90.5%; Pred. No. 5.1e+02;
tive 0; Mismatches 2;
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US-10-719-993-6760/c
; Sequence 6760, Application US/10719993
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Publication No. US20030148327A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 90.5
Matches 19; Conservative
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34642 ATGCCCCATCTCTTTTTT 34662
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US-09-997-722-43/c
Sequence 43, Application US/09997722
; Publication No. US20040072154A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Oryza sativa
US-10-415-058-5
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LENGTH: 91552
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                GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1496
CURRENT APPLICATION NUMBER: US/10/719,993
CURRENT FILING DATE: 2003-11-24
NUMBER OF SEQ ID NOS: 55342
SOFTWARE: PARESEQ for Windows Version 4.0
SEQ ID NO 6760
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APPLICANT: Leong, Sally A.

APPLICANT: Chauhan, Rajinder S.

APPLICANT: Durfee, Timothy J.

APPLICANT: Durfee, Timothy J.

APPLICANT: Farman, Mark L.

TITLE OF INVENTION: Pant Genes That Confer Resistance to Strains of TITLE OF INVENTION: Specificity Gene

TITLE OF INVENTION: Magnaporthe Grisea Having AVR1 C039 Cultivar

TITLE OF INVENTION: Specificity Gene

TITLE OF INVENTION: DAPPLICATION NUMBER: US/10/459,262A

CURRENT TILING DATE: 2003-06-11

PRIOR FILING DATE: 2003-06-11

PRIOR PLICATION NUMBER: PCT/US01/46331

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2010-07-09

NUMBER OF SEQ ID NOS: 72

SEQ ID NO 3

LENGTH: 49600
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OTHER INFORMATION: Continuation of Sequence ID 1, representing bases
OTHER INFORMATION: 99,281 through 148,880
                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 20158;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 80.9%; Score 17.8; DB 18; Best Local Similarity 90.5%; Pred. No. 5.3e+02; Matches 19; Conservative 0; Mismatches 2;
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; Sequence 3, Application US/10459262A
; Publication No. US20040083501A1
; GENERAL INFORMATION:
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Publication No. US20040265849A1
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Best Local Similarity 90.5
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                          TYPE: DNA
CORGANISM: Homo sapiens
US-10-719-993-6760
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RESULT 35

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Sequence 5, Application US/10415058
Publication No. US20040060081A1
GENERAL INFORMATION:
APPLICANT: Wisconsin Alumni Research Foundation
APPLICANT: United States Department Of Agriculture
APPLICANT: United States Department Of Agriculture
APPLICANT: Leong, Sally A.
APPLICANT: Farman, Mark L.
APPLICANT: Taman, Mark L.
APPLICANT: Chauhan, Rajinder
APPLICANT: Chauhan, Rajinder
APPLICANT: Chauhan, Rajinder
APPLICANT: Warf-0145
TITLE OF INVENTION: Having AVR C039 Cultivar Specificity Gene
FILE REFERENCE: Warf-0145
CURRENT FILING DATE: 2000-04-11
PRIOR APPLICATION NUMBER: USSN 60/242,313
PRIOR PLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: USSN 60/303,897
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: USSN 60/303,897
NUMBER OF SEQ ID NOS: 14
SOFTWARE: Patentin version 3.1 ö NAME/KEY: misc feature LOCATION: (24969)..(25093) OTHER INFORMATION: "n" at positions 24969 through 25093 can be any base. FEATURE:
NAME/KRY: misc\_feature
LOCATION: (23010)..(23294)
OTHER INFORMATION: "n" at positions 23010 through 23294 can be any base. NAME/KEY: misc\_feature LOCATION: (20974)..(2093) OTHER INFORMATION: "n" at positions 20974 through 20993 can be any base. Gaps APPLICANT: Morris, David
APPLICANT: Engelhard, Eric
TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER
FILE REPRENCE: A-7111/1RMS/DCF
CURRENT APPLICATION NUMBER: US/09/997,722
CURRENT APPLICATION NUMBER: US/09/997,722
CURRENT APPLICATION NUMBER: US 09/747,377
PRIOR PILING DATE: 2000-12-22
PRIOR PLING DATE: 2000-12-22
PRIOR PLING DATE: 2000-12-22
NUMBER OF FELING DATE: 2010-33-02
SOFTWARE: PALENT OF SEQ ID NOS: 3301
SOFTWARE: PALENT OF SEQ ID NOS: 3301
SOFTWARE: PALENT OF SEQ ID NOS: 301
SOFTWARE: PALENT OF SEQ ID NOS: 301 Length 91552; ö NAME/KEY: misc\_feature LOCATION: (81)\_.(100) OTHER INFORMATION: "n" at positions 81 through 100 can be any Indels Query Match 80.9%; Score 17.8; DB 17; Best Local Similarity 90.5%; Pred. No. 5.7e+02; Matches 19; Conservative 0; Mismatches 2;

us-09-909-317-1.rnpb

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Gaps

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Indels

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Best Local Similarity 90.5%; Pred. No. 5.7e+02; Matches 19; Conservative 0; Mismatches 2;
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0
                                                                                                                             NAME/KEY: misc feature
LOCATION: (43486)..(43505)
LOCATION: (43486)..(43505)
LOCATION: (43486)..(43505)
LOCATION: "n" at positions 43486 through 43505 can be any base.
REATURE:
NAME/KEY: misc feature
LOCATION: (63319)..(63565)
OTHER INFORMATION: "n" at positions 63319 through 63565 can be any base.
                      NAME/KEY: misc feature
LOCATION: (34655)..(34840)
OTHER INFORMATION: "n" at positions 34655 through 34840 can be any base.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature
LOCATION: (90949)..(90968)
OTHER INFORMATION: "n" at positions 90949 through 90968 can be any base.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature; LOCATION: (92828)..(92847); OTHER INFORMATION: "n" at positions 92828 through 92847 can be any base. US-09-997-722-43
                                                                                                                                                                                                                                                                                                                                                                                                                   any base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 174763, Application US/10027632

Publication No. US20020198371A1

Publication No. US20020198371A1

GENERAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: OLYMORPHICATION INFORMATION: DOLYMORPHICANT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR PAPLICATION NUMBER: US 60/218,006

PRIOR PAPLICATION NUMBER: US 60/193,483

PRIOR PILING DATE: 2000-04-20

PRIOR PELING DATE: 2000-04-20

PRIOR PILING DATE: 2000-02-29

PRIOR PILING DATE: 1909-01-23

PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-09-28

PRIOR FILING DATE: 1999-09-28

PRIOR FILING DATE: 1999-09-08

PRIOR FILING DATE: 1999-08-09

NUMBER OF SEQ ID NOS: 325720

SOFTWARE FREIGED FOR WINDOWN Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          80.9%; Score 17.8; DB 13; Length 2940917;
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                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc feature
LOCATION: (87107)..(87126)
OTHER INFORMATION: "n" at positions 87107 through 87126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 17.8; DB 11;
Pred. No. 5.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            80.9%; Scor.
90.5%; Pred. No. 5...
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LOCATION: (1)...(2940917)
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 90.5'
Marches 19; Conservative
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US-10-027-632-174763/c
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GENERAL INFORMATION:
APPLICANT: CARGILL, Michele et al.
TITLE OF INVENTION: GENERAL INFARCTION, METHODS OF DETECTION AND USES THEREOF TITLE OF INVENTION: MYOCARDIAL INFARCTION, METHODS OF DETECTION AND USES THEREOF FILE REFERENCE: CL001499
CURRENT APPLICATION NUMBER: US/10/741,600
CURRENT PILING DATE: 2003-12-22
NUMBER OF SEQ ID NOS: 73997
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26228
LENGTH: 201
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Publication No. US20030204075A9

Publication No. US20030204075A9

GARDRAL INFORMATION:

APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REPERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT APPLICATION NUMBER: US 60/189.066

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-07-12

PRIOR FILING DATE: 2000-03-29

PRIOR PRIOR PREDICATION NUMBER: US 60/185,218

PRIOR FILING DATE: 2000-03-29

PRIOR PRIOR APPLICATION NUMBER: US 60/185,218

PRIOR FILING DATE: 1090-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR PRIOR FILING DATE: 1999-11-23

PRIOR PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23
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Pred. No. 5.7e+02;
0; Mismatches 2;
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| LOCATION: (1)...(2940917)

| OTHER INFORMATION: n = A,T,C or G

US-10-027-632-174763
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ilarity 90.5%;
Conservative
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CORGANISM: Homo sapiens
US-10-741-600-26828
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Matches 19, Conserv
                                                                                                                                 RESULT 38
US-10-027-632-174763/c
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TYPE: DNA ORGANISM: Glycine max
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                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Human
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US-10-767-701-12634
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Sequence 101998, Application US/10027632

Publication No. US20030204075A9

GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129

CURRENT PELICATION NUMBER: US 60/128,006

PRIOR APPLICATION NUMBER: US 60/128,006

PRIOR PLING DATE: 2000-04-20

PRIOR FILING DATE: 2000-03-29

PRIOR FILING DATE: 2000-03-29

PRIOR FILING DATE: 2000-03-29

PRIOR FILING DATE: 2000-03-29

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 2009-03-29

PRIOR PILING DATE: 2009-03-29
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APPLICANT: WANG G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
ITILE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 100827.129
CURRENT PILING DATE: 2002-04-30
FRIOR PILING DATE: 2000-07-12
PRIOR PLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-20
PRIOR FILING DATE: 2000-04-20
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 1000-02-44
PRIOR FILING DATE: 1000-02-44
PRIOR FILING DATE: 1900-02-44
PRIOR FILING DATE: 1999-09-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-08-08
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-08
PRIOR FILING DATE: 1999-08-08
PRIOR FILING DATE: 1999-08-08
PRIOR FILING DATE: 1999-08-09
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79.1%; Score 17.4; DB 19; Length 201; ilarity 94.7%; Pred. No. 6.5e+02; Conservative 0; Mismatches 1; Indels 0:
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Publication No. US20020198371A1
GENERAL INFORMATION:
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                                                  Local Similarity
tes 18; Conserv
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Matches 18; Conserv
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          Query Match
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APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Show Yihua
APPLICANT: Cano Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(3223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 94947
LENGTH: 1386
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Sequence 12634, Application US/10767701

GENERAL INFORMATION:

APPLICANT: Royalic, David K.

APPLICANT: Cao, Yongwei

TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof For Plant Improvement

FILE REFERENCE: 38-21(5335)B

CURRENT APPLICATION NUMBER: US/10/767,701

CURRENT PILING DATE: 2004-01-29

NUMBER OF SEQ ID NOS: 63128

SEQ ID NO 12634

LENGTH: 1420
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                                                                                                                                                                                                                                                               Length 720;
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                                                                                                                                                                                                                                                          Score 17.4; DB 17;
Pred. No. 6.9e+02;
0; Mismatches 1;
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US-10-424-599-94947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LUCATION: (1)..(1386)
OTHER INFORMATION: unsure at all n locations
PERATURE:
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FRSESEQ for Windows Version 4.0
SEQ ID NO 101998
LENGTH: 720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 94947, Application US/10424599; Publication No. US20040031072A1; GENERAL INFORMATION:
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94.7%;
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94.7%;
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Best Local Similarity 94.7
Matches 18; Conservative
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Best Local Similarity 94.7
Matches 18; Conservative
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Sequence 2730, Application US/09938842A

Sequence 2730, Application US/09938842A

Sequence 2730, Application US/09938842A

Sequence 2730, Application US/09938842A

SENERAL INPORMATION:

APPLICANT: Harper, Jeff

APPLICANT: Wang, Xun

APPLICANT: Wang, Xun

APPLICANT: Wang, Xun

TITLE OF INVENTION: STRESS-REGULATED GENES OF PLANTS, TRANSGENIC PLANTS CONTAINING

TITLE OF INVENTION: SAME, AND METHODS OF USE

SHICK APPLICATION NUMBER: US 60/227, 866

PRIOR PELLING DATE: 2001-08-24

PRIOR APPLICATION NUMBER: US 60/264,647

PRIOR APPLICATION NUMBER: US 60/300,111

PRIOR PLING DATE: 2001-06-22

NUMBER OF SEQ ID NOS: 5379
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Sequence 2730, Application US/09938942A

Sequence 2730, Application US. US20040009476A9

GENERAL INFORMATION:

APPLICANT: Harper, Jeff

APPLICANT: Wang, Xun

APPLICANT: Wang, Xun

TILLE OF INVENTION: SAME, AND METHODS OF PLANTS, TRANSGENIC PLANTS CONTAINING

TITLE OF INVENTION: SAME, AND METHODS OF USE

FILE REFERENCE: SCALPI300-3

CURRENT FILING DATE: 2001-08-24

PRIOR APPLICATION NUMBER: US 60/227,866

PRIOR PILING DATE: 2001-01-16

PRIOR PILING DATE: 2001-01-16

PRIOR FILING DATE: 2001-01-16

PRIOR FILING DATE: 2001-01-16

NUMBER OF SEQ ID NOS: 5379

SEQ ID NOS: 5379

TENNAMEL OF 2730

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Pred. No. 7.1e+02;
0; Mismatches 1; Indels 0
  Indels
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  0; Mismatches
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Best Local Similarity 94.7%;
Matches 18; Conservative
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Best Local Similarity 94.7
Matches 18; Conservative
18; Conservative
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APPLICANT: LIM, Yi
APPLICANT: LIM, Tang-Kiah
TITLE OF INVENTION: TRANSCENIC CELLS EXPRESSING GLUCOSYLTRANSFERASE NUCLEIC ACIDS
FILE REFERENCE: 2347/51378
CURRENT APPLICATION NUMBER: US/10/203,319A
CURRENT FILING DATE: 2001-02-08
PRIOR FILING DATE: 2001-02-08
PRIOR FILING DATE: 2000-02-09
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: BOMLES, Diana Joy
APPLICANT: BOMLES,
APPLICANT: LI, Yi
APPLICANT: LI, Yi
APPLICANT: LIM, Eng-Kiat
TITLE OF INVENTION: TRANSCENIC CELLS EXPRESSING GLUCOSYLTRANSFERASE NUCLEIC ACIDS
FILE REFERENCE: 2347/51378
CURRENT APPLICATION NUMBER: US/10/203,319A
FILOR APPLICATION NUMBER: PCT/GB01/00477
PRIOR FILING DATE: 2000-02-08
PRIOR FILING DATE: 2000-02-09
PRIOR FILING DATE: 2000-02-09
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                                                                                                                        Length 1420;
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                               ; OTHER INFORMATION: Clone ID: SORBI-28MAY03-CLUS45167_1
US-10-767-701-12634
                                                                                                                      Score 17.4; DB 18;
Pred. No. 7.1e+02;
0; Mismatches 1;
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; ORGANISM: Arabidopsis thaliana
US-10-203-319A-22
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; ORGANISM: Arabidopsis thaliana
US-10-203-319A-24
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Best Local Similarity 94.7%;
Matches 18; Conservative
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SOFTWARE: Patentin version 3.1
SEQ ID NO 2.2
LENGTH: 1446
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Best Local Similarity 94.77
Best Local 18; Conservative
ORGANISM: Sorghum bicolor
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Gaps

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Query Match 79.1%; Score 17.4; DB 9; Length 26668; Best Local Similarity 94.7%; Pred. No. 8e+02; Matches 18; Conservative 0; Mismatches 1; Indels 0;
PRIOR APPLICATION NUMBER: US/60/235,077
PRIOR FILING DATE: 2000-09-25
PRIOR PILING DATE: 2000-09-25
NUMBER OF SEQ ID NOS: 259
SOFTWARE: Patentin version 3.0
LENGTH: 26668
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Job time: 243.324 secs
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; OTHER INFORMATION: n=a,t,g or c
US-09-962-832-222
                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
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Patent No. US20020110821A1
GENERAL INFORMATION:
APPLICANT: EDNer, Reinhard
TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using Signaturitle Reference: 689290-74
CURRENT APPLICATION NUMBER: US/09/962,832
CURRENT FILING DATE: 2001-09-25
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## Publication No. US20040265849A1

## GENERAL INFORMATION:
## APPLICANT: CARGILL, Michele et al.
## TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

## TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

## TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

## TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

## TITLE OF INVENTION NUMBER: US/10/719,993

## CURRENT PILING DATE: 2003-11-24

## MUMBER OF SEQ ID NOS: 55342

## SEQ ID NO 6891

## LENGTH: 24579

## TITLE OF UNCHARLES OF MINGOWS VERSION 4.0

## SEQ ID NO 6891

## LENGTH: 24579

## TITLE OF UNCHARLES OF MINGOWS VERSION 4.0

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## SEQ ID NO 6891

## LENGTH: 24579

## TITLE OF UNCHARLES OF MINGOWS VERSION 4.0

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## UNCHARLES OF UNCHARLES OF MINGOWS VERSION 4.0

## CORGANISM: Homo sapiens

## UNCHARLES OF UNCHARLES
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Publication No. US20030082758A1
GENERAL INCRNATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PUZOCI
CURRENT APPLICATION NUMBER: US/10/103,313
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 653
Prior Application removed - See File Wrapper or Palm
SOFTWARE: PatentIn Ver. 2.0
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US-10-103-313-631
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LENGTH: 3903
TYPE: DNA
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Sequence 1722, Ap
Sequence 1782, A
Sequence 183202,
Sequence 18785,
Sequence 18786,
Sequence 18786,
Sequence 11954, A
Sequence 11990, A
Sequence 1757, A
Sequence 15999, A
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Sequence 12505,
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	Sequence 1147, Ap Sequence 1147, Ap Sequence 30, Appl Sequence 30, Appl Sequence 310, Appl Sequence 1178, Ap Sequence 1178, Ap Sequence 1178, Appl Sequence 17, Appl Sequence 24, Appl Sequence 1, Appl Sequence 2, Appl Sequence 11, Appl Sequence 114, Appl Sequence 117, Appl Sequence 27, Appl	Length 20; ; Indels 0; Gaps 0;
	3595 4 US-09-023-655-1147 3649 4 US-09-710-279-3340 3664 4 US-09-710-279-3340 3966 4 US-09-710-279-33727 3906 4 US-09-710-279-33727 3906 4 US-09-710-279-33727 3908 4 US-09-710-279-3727 4407 3 US-09-76-259-75 5379 6 5223424-5 5423 4 US-09-956-004-75 5379 6 5223424-5 5423 4 US-09-956-11E-24 5423 4 US-09-956-11E-24 5423 1 US-08-776-511-3 6926 1 US-08-776-511-3 6928 1 US-08-776-776-776-776-776-776-776-776-776-77	<pre>dows Version 4.0 0%; Score 20; DB 3; 0%; Pred. No. 0.59; 0; Mismatches 0; Mismatches 0; Mismatches 1                                    </pre>
00000000000	477 14.2 71.0 3595 4 US-09-02-02-03-03-03-03-03-03-03-03-03-03-03-03-03-	FastSEQ for Windows '  Homo sapiens  12  100.0%;  Similarity 100.0%;  Conservative 0  AAATTGTGGTAATGACTGCA  AAATTGTGTAATGACTGCA  AAATTGTGTAATGACTGCA  2-1722/c  2-1722/c  22, Application US/08
* * * * * * * * * * * * * * * * * * *	C 478 14.2 71.0 3595 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NOWHER OF SET ID NOS: 4 SEQ ID NO 2 LENGTH: 20 LENGTH: 20 LENGANISM: Homo sapiens ORGANISM: Homo sapiens US-09-280-181B-2 Query Match Best Local Similarity 100.0%; Score Set Local Similarity 100.0%; Pred. Best Local Similarity 100.0%; Pred. Datches 20; Conservative 0; Mismaches 20; Conservative 0; Mismaches 20; Conservative 0; Mismaches 20; LAATTGTGGTAATGACTGCA 20 Db 1 AAATTGTGGTAATGACTGCA 20 SESULT 2 RESULT 2 Sequence 1722, Application US/08956171E Patent No. 6593114
Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence	Sequence 27412, A Sequence 32635, A Sequence 39201, A Sequence 40702, A Sequence 60615, A Sequence 60615, A Sequence 60615, A Sequence 60843, A Sequence 69843, A Sequence 69864, A Sequence 120897, Sequence 120897, Sequence 163204, Sequence 179238, Sequence 163204, App Sequence 1746, App Seque	acuentes acu
US-09-648-004-1 US-10-272-419-1 US-09-248-796A-8797 US-09-669-751-108 US-09-775-846-5 US-09-270-767-7149 US-09-270-767-22431 US-09-949-016-26492 US-09-949-016-26492 US-09-949-016-26493 US-09-949-016-26493 US-09-949-016-26493 US-09-949-016-26493 US-09-949-016-26493 US-09-949-016-26493	US-09-940-016-27412 US-09-940-016-32635 US-09-949-016-39200 US-09-949-016-40702 US-09-949-016-40702 US-09-949-016-46841 US-09-949-016-66842 US-09-949-016-66842 US-09-949-016-66842 US-09-949-016-69864 US-09-949-016-69864 US-09-949-016-69864 US-09-949-016-69865 US-09-949-016-69865 US-09-949-016-69864 US-09-949-016-69864 US-09-949-016-69864 US-09-949-016-69864 US-09-949-016-69864 US-09-949-016-198782 US-09-949-016-198782 US-09-949-016-198782 US-09-949-016-198782 US-09-949-016-198782 US-09-949-016-198782 US-09-949-016-198782 US-09-949-016-198784 US-09-949-016-198784 US-09-949-016-118784 US-09-949-016-1187844 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-949-016-118784 US-09-948-018-11784 US-09-948-018-11784 US-09-948-018-11784	US-08-958-1111 US-08-540-236-1751 US-09-540-136-1751 US-09-184-110-520 US-09-184-13-807 US-09-107-43-807 US-09-134-010C-1721 US-09-134-201C-1721 US-09-134-1401 US-09-136-1401 US-09-136-1401 US-09-136-1401 US-09-136-1401 US-09-136-1401 US-09-136-1401 US-09-1401 US-09-136-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 US-09-1401 U
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OPERATING SYSTEM: MSDOS version 6.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: linear
US-08-781-986A-1722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 18; Conser
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-949-016-87851
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                                                                                       Craig A. Rosen
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5256
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 3
US-08-781-986A-1722/c
Sequence 1722, Application US/08781986A
Patent No. 6737248
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5255
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Geneme Sciences, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
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                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                           ADDRESSEE: Human Genome Sciences, Inc
STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/956,171E
FILING DATE: 20-Oct-1997
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1722:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue CITY: Rockville STATE: Maryland COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: PB248P1 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Mark J. Hyman
REGISTRATION NUMBER: 46,789
                                                               Patrick S. Dillon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 AAATTGTGGTAATGACTGCA 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 1722: SEQUENCE CHARACTERISTICS:
                         Charles Kunsch
                                                                                                                                                                                                                                                                                                                                   ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskel
                                                                                                                                                                                                                                                                        CITY: Rockville
STATE: Maryland
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MEDIUM TYPE: Diskette
COMPUTER: HP Vectra 4
                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
  GENERAL INFORMATION:
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
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Pred. No. 41;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 4; Length 601;
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90.0%; Pred. No. 41,
'... 0; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 87851
LENGTH: 601
                                                                                                                                  ATTORNEY AGENT INFORMATION:
NAME: Benson, Bob
REGISTRATION NUMBER: 92446
REFERENCE/DOCKET NUMBER: PE248PP
TELECOMMUNICATION:
TELEPHONE: (301) 309-8512
INFORMATION FOR SEQ ID NO: 1722:
SEQUENCE CHARACTERISTICS:
LENGTH: 325 base pairs
                                            US/08/781,986A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-949-016-87851/c
; Sequence 87851, Application US/09949016
; Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 87852, Application US/09949016 Patent No. 6812339
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SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/G
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 90.0
Matches 18; Conservative
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STRANDEDNESS: double
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PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PLING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PRILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 186785
                                                                                                                                                                                                                                                                                                                         84.0%;
90.0%;
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Best Local Similarity 90.0
Matches 18; Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
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                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Human
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ORGANISM: Human
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GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: 00/241,755

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-32

PRIOR FILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012
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'Sequence 186785, Application US/09949016

'Sequence 186785, Application US/09949016

'Sequence 186785, Application US/09949016

'GENERAL INFORMATION:
'APPLICANT: VENTER, J. Craig et al.
'TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

'TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

'FILE REFERENCE: CL001307
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                  TITLE OF INVENTION: WITH HUMAN DISEASE, METH
FILE REFERENCE: CLO01307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
NUMBER OF SEQ ID NOS: 207012
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Pred. No. 46
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Pred. No. 46
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CURRENT FILING DATE: 2000-04-14
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; Sequence 183202, Application US/09949016
; Patent No. 6812339
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90.0%;
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Best Local Similarity 90.0%
warches 18; Conservative
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Best Local Similarity
Matches 18; Conserv
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US-09-949-016-87852
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GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR FILING DATE: 2000-10-03

PRIOR PLICED APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NOS: 207012

SEQ ID NO 16786
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Charles Kunsch

Gil H. Choi

Patrick S. Dillon

Craig A. Rosen

Steven C. Barash
Michael R. Pannon

TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences NUMBER OF SEQUENCES: 5256
CORRESPONDENCE ADDRESSE: Human Genome Sciences, Inc.

STREET: 9410 Key West Avenue
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  DB 4; Length 601;
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                                                Indels
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; Score 16.8; DE; Pred. No. 46; 0; Mismatches
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                                                                                                                                      520 AAATTGTGGTGATGGCTGCA 501
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Query Match
Best Local Similarity 90.0
Matches 18; Conservative
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Best Local Similarity
                                                                                                                                                                                      linear
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ORGANISM: Human
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US-08-781-986A-38
                                                                                                                                                                                                                                                                                         Matches
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Patent NO. 6737248
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5255
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Length 23439;
                                                            ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS Version 6.2
SOFTWARE: ASCII Text
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2; Indels
                                                                                                                                                                              CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/956,171E
FILING DATE: 20-OCL-1997
CLASSIFICATION: «UNKNOWN»
PRIOR APPLICATION NUMBER: 60/009,861
FILING DATE: January 3, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
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90.0%; Pred. No. 87;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                        NAME: MATK J. Hyman
REGISTRATION NUMBER: 46,789
TELECOMUNICATION INFORMATION:
TELEPHONE: (240) 314-1224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-08-956-171E-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/781,986A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22929 AACGTGTGGTAATGACTGCA 22948
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 23439 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (301) 309-8439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Benson, Bob
REGISTRATION NUMBER: 30,446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (301) 309-8
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Benson, Bob
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 90.0
Matches 18; Conservative
CITY: Rockville
STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Rockville
STATE: Maryland
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
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| TELECOMMENICATION INFORMATION: | TELECOMMENICATION INFORMATION | TELECOMMENICATION |
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84.0%;
90.0%;
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Best Local Similarity 90.0'
Matches 18; Conservative
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US-09-949-016-15368/c
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                          LENGTH: 123463
TYPE: DNA
ORGANISM: Human
FEATURE:
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ORGANISM: Human
     SEQ ID NO 17078
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US-09-949-016-16990/c

Sequence 16990, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WIMBER: 60/241,755

FILE REFERENCE: 2000-40-4-4

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-10-03

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 2077012

SOFTWARE: FastSEQ for Windows Version 4.0
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Sequence 17078, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
TYLLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-10-414

PRIOR FILING DATE: 2000-10-414

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-00-08

PRIOR FILING DATE: 2000-00-08

SPRIOR FILING DATE: 2000-00-08

SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                     84.0%; Score 16.8; DB 4;
90.0%; Pred. No. 1.1e+02;
tive 0; Mismatches 2;
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: EastSEQ for Windows Version 4.0
SEQ ID NO 11945
LENGTH: 86439
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Matches 18; Conservative
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Best Local Similarity
Matches 18; Conserva
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US-09-949-016-11945
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                                                                                                                                                                                     TYPE: DNA
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Sequence 12583, Application US/09949016

Sequence 12583, Application US/09949016

Betent No. 681239

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CLOOAL307

CURRENT APPLICATION NUMBER: 00/241,755

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-00-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 12583

LENGTH: 254964

TYPE: DNA

PRANTER: HUMAN
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Patent No. 6812339

Patent No. 681239

Patent No
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PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastsEQ for Windows Version 4.0
SEQ ID NO 13477
LENGTH: 232024
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| NAME/KEY: misc feature

| LOCATION: (1)...(254964)

| OTHER INFORMATION: n = A,T,C or G

US-09-949-016-12583
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Best Local Similarity 90.0
Matches 18; Conservative
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Matches 18; Conservative
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US-09-949-016-17392/c
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                                                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Human
US-09-949-016-13477
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TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF; FILE REFERENCE: CLOO1307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FASESEQ for Windows Version 4.0

SEQ ID NO 15999

LENGTH: 169334
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Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CL001307
CURRENT APPLICATION NUMBER: 2000-14-14
PRIOR PILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 129327,
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   PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15368
LENGTH: 129327
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Patent No. 6812339
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                                                                                                                                                                                                                                                                 | FEATURE:
| NAME/KEY: misc_feature
| LOCATION: (1)...(129327)
| OTHER INFORMATION: n = A,T,C or G
| US-09-949-016-15368
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; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-15999
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                                                                                                                                                                                                TYPE: DNA
ORGANISM: Human
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US-09-949-016-15999
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Best Local Similarity
Matches 18; Conserva
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ORGANISM: Human
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ORGANISM: Human
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US-09-751-389-3/C
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT PILLIG DATE: 2000-04-14
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                                                                                                                                                                                                                                                                 84.0%; Score 16.8; DB 4; Length 254964; 90.0%; Pred. No. 1.3e+02; Live 0; Mismatches 2; Indels 0;
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
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Patent No. 6812339
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                                                                                                                                                                           NAME/KEY: misc_feature
| LOCATION: (1)...(254954)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-17392
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// OTHER INFORMATION: n = A,T,C or G
US-09-949-016-12505
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Matches 18; Conservative
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US-09-949-016-14207/c
                                                                                                                        TYPE: DNA
ORGANISM: Human
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                                                                                     SEQ ID NO 17392
LENGTH: 254964
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US-09-222-575-50/C

1 Sequence 50, Application US/09222575

2 Sequence 50, Application US/09222575

3 Sequence 50, Application US/09222575

3 RAPLICANT: Yugiu, Jiang

3 APPLICANT: Dillon, Davin C.

4 APPLICANT: Xu, Jiangchun

5 TITLE OF INVENTION: Compositions for the Treatment and Diagnosis of Breast Cancer

7 TITLE OF INVENTION: and Methods for Their Use

7 TITLE OF INVENTION: and Methods for Their Use

7 TITLE OF INVENTION: AND WEATHORS IN SET IN TOTAL OF THE REPRENCE: 210121.470

7 CURRENT APPLICATION NUMBER: US/09/222,575
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APPLICANT: GUEGLER, Karl et al
APPLICANT: GUEGLER, Karl et al
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
TITLE OF INVENTION: THEREOF
TITLE OF INVENTION: THEREOF
CURRENT APPLICATION NUMBER: US/09/751,389
CURRENT FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 786431
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ilarity 90.0%; Pred. No. 1.5e+02;
Conservative 0; Mismatches 2; Indels 0;
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-33
PRIOR FILING DATE: 2000-10-33
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PRESEEGE for Windows Version 4.0
SEQ ID NO 14207
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COTHER INFORMATION: n = A,T,C or G
US-09-949-016-14207
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; LOCATION: (1)...(786431)
; OTHER INFORMATION: n = A,T,C or G
US-09-751-389-3
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Matches 18; Conservative
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US-09-339-338-50
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APPLICANT: Yogui, Jiang
APPLICANT: Micham, Jennifer L.
APPLICANT: Micham, Jennifer L.
APPLICANT: Xu, Jiangchum, Jennifer L.
APPLICANT: Xu, Jiangchum, Jennifer L.
APPLICANT: Xu, Jiangchum
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
CURRENT APPLICATION NUMBER: US/09/389,681A
CURRENT FILING DATE: 1999-09-02
NUMBER OF SEQ ID NOS: 463
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 50
LENGTH: 271
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GENERAL INFORMATION:
APPLICANT: Jiang, Yuqiu
APPLICANT: Dillon, Davin C.
APPLICANT: Miccham, Jennifer L.
APPLICANT: Miccham, Jennifer L.
APPLICANT: Miccham, Jennifer L.
APPLICANT: Harlocker, Susan L.
APPLICANT: Hilliam T.
CUMRENT APPLICATION UNDBER: US/09/620,405B
CUMRENT FILING DATE: 2000-07-20
NUMBER OF SEQ ID NOS: 495
SEQ ID NO SO
SEQ ID NO SO
ILENGTH: 271
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                                                                                                                                                                                                           Length 271;
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Pred. No. 64;
0; Mismatches
                                                                                                                                                                                                                                   Pred. No. 64;
0; Mismatches
                                                                                                                                                                                                         Query Match 82.0%; Score 16.4; Best Local Similarity 94.4%; Pred. No. 64 Matches 17; Conservative 0; Mismatche
; CURRENT FILING DATE: 1998-12-28
; NUMBER OF SEQ ID NOS: 174
; SSOTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 50
; LENGTH: 271
; TYPE: DNA
; ORGANISM: Human
US-09-222-575-50
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US-09-189-681-50/c
Sequence 50, Application US/09389681A
; Patent No. 6518237
; GENERAL INFORMATION:
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94.4%;
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; ORGANISM: Homo sapien
US-09-620-405B-50
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US-09-389-681-50
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APPLICANT: Jiang, Yuqui
APPLICANT: Jiang, Yuqui
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jangchun
APPLICANT: Ku, Jiangchun
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
TITLE REFERENCE: 210121.470C4
CURRENT APPLICATION NUMBER: US/09/433,826B
CURRENT APPLICATION NUMBER: US/09/433,826B
NUMBER OF SEQ ID NOS: 474
SOFTWARE: FastSEQ for Windows Version 3.0
SEQTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                     APPLICANT: Yuqiu, Jiang
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchum, Jennifer L.
APPLICANT: Xu, Jiangchum Jennifer L.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121-4770C2
CURRENT APPLICATION NUMBER: US/09/339,338A
CURRENT FILING DATE: 1999-06-23
NUMBER OF SEQ ID NOS: 315
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 50
LENGTH: 271
                                                  Gaps
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  DB 4; Length 271;
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94.4%; Pred. No. 64;
:ive 0; Mismatches
82.0%; Score 16.4; Ilarity 94.4%; Pred. No. 64; Conservative 0; Mismatches
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; Sequence 50, Application US/09339338A
Patent No. 6573368
; GENERAL INFORMATION:
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; Patent No. 6579973
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Best Local Similarity 94.4'
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ORGANISM: Homo sapien
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Query Match
Best Local Similarity
Matches 17; Conserv
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US-09-433-826B-50/c
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Score 16.4; D
Pred. No. 64;
0; Mismatches
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Pred. No. 64
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CURRENT PAPLICATION NUMBER: US/09/551,621
CURRENT FILING DATE: 2000-04-17
NUMBER OF SEQ ID NOS: 479
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; Sequence 50, Application US/09590751A
; Patent No. 6756477
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94.4%;
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Hepler, William T
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Best Local Similarity 94.4*
The 17; Conservative
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Best Local Similarity 94.4
Matches 17; Conservative
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ORGANISM: Homo sapien
                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Homo sapien
US-09-834-759-50
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Patent No. 6590076

GENERAL INFORMATION:

APPLICANT: Yuqui, Jiang

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Xu, Jiangchun

ITILE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE

FILE REFRERENCE: 21011.470c.

CURRENT APPLICATION NUMBER: US/09/285,480

CURRENT FILING DATE: 1999-04-02

NUMBER OF SEQ ID NOS: 181

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 50

LENGTH: 271
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                                GENERAL INCORMATION:
GENERAL INCORMATION:
APPLICANT: Dialon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Hepler, William T.
ITILE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER.
FILE REFERENCE: 210121.470c7
CURRENT APPLICATION NUMBER: US/09/604,287A
CURRENT FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 489
SOFTWARE: FRAESEQ for Windows Version 3.0
SEG ID NO 50
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Pred. No. 64
                  ; Sequence 50, Application US/09604287A
; Patent No. 6586572
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Patent No. 6680197
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APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
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Best Local Similarity 94.4*
Matches 17; Conservative
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ORGANISM: Homo sapien
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CORGANISM: Homo sapien
US-09-285-480-50
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Best Local Similarity
Matches 17; Conserv
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  US-09-604-287A-50/C
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APPLICANT: Yuqui, Jiang
APPLICANT: Dillon, Davin C.
APPLICANT: Mitchan, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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APPLICANT: Henderson, Robert A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLEO PO INVENTION: DIAGNOSIS OF BREAST CANCER
FILE REFERENCE: 210.1.470C9
CURRENT APPLICATION NUMBER: US/09/834,759
CURRENT FILING DATE: 2001-04-13
NUMBER OF SEQ ID NOS: 547
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 50
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APPLICANT: Yuqui, Jiang
APPLICANT: Dillon, Davin C.
APPLICANT: Micham, Dianghun
APPLICANT: Mi, Jiangchun
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
TITLE REFERENCE: 210121.470C6
CURRENT APPLICATION NUMBER: US/09/590,751A
CURRENT PILION DAFE: 2000-06-08
NUMBER OF SEQ ID NOS: 479
SOFTWARE: FASTERQ for Windows Version 3.0
SEQ:ID NO 50
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FILE REFERENCE: 210121.478C12
CURRENT PELLION NUMBER: US/09/671,325
CURRENT FILING DATE: 2000-09-26
NUMBER OF SEQ ID NOS: 1825
SOFTWARE: FastSEQ for Windows Version 3.03
SEQ ID NO 1279
LENGTH: 580
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                                                                                                                                                                          1 AAATTGTGGTAATGACTG 18
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APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
                                                                                                    82.0%;
94.4%;
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94.4%;
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Bangur, Chaitanya
Lodes, Michael A.
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Vedvick, Tom
Carter, Darrick
Retter, Marc
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Best Local Similarity 94.4
Matches 17; Conservative
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Matches 17; Conservative
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TITLE OF INVENTION: CC
                                 TYPE: DNA
CORGANISM: Homo sapien
US-09-736-457-1279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapien
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US-09-614-124B-1279
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; SEQ ID NO 1279
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APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Retter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Wannion, Jane
APPLICANT: Wang, Aijun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C15
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                                                                                                    DB 4; Length 271;
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94.4%; Pred. No. 73;
Live 0; Mismatches
                                                                                                                                       0; Mismatches
                                                                                                    Score 16.4;
Pred. No. 64
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NUMBER OF SEQ ID NOS: 1864
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GENERAL INFORMATION:
APPLICANT: Wann "-
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                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Wang, Tongtong
Bangur, Chaitanya S.
Lodes, Michael A.
                                                                                                    82.0%;
94.4%;
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Vedvick, Tom
Carter, Darrick
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Best Local Similarity 94.4
Matches 17; Conservative
                                                                                                                                       17; Conservative
                               TYPE: DNA
CRGANISM: Homo sapien
US-09-551-621-50
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US-09-702-705-1279
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Matches 17, Conser
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US-09-702-705-1279
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US-09-736-457-1279
SEQ ID NO 50
LENGTH: 271
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APPLICANT:
APPLICANT:
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                   1; Indels
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Pred. No. 73;
0; Mismatches
                   0; Mismatches
Score 16.4;
Pred. No. 73;
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Patent No. 6630574
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281 ATTGTGGTGATGACTGCA 298
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                   Query Match 82.0%;
Best Local Similarity 94.4%;
Matches 17; Conservative
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94.4%;
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Best Local Similarity 94.4
Matches 17; Conservative
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US-09-949-016-157858
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US-09-949-016-157858
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ORGANISM: Human
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO01307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 157857
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                                                                                    DB 4; Length 580;
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APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Retter, Marc
APPLICANT: Rannion, Jane
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C11
CURRENT APPLICATION NUMBER: US/09/658,824
CURRENT FILING DATE: 2000-09-08
NUMBER OF.SEQ ID NOS: 1788
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1; Indels
                                                                                                                             Indels
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                                                                                                                         0; Mismatches
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                                                                                  Score 16.4;
Pred. No. 73;
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Pred. No. 73
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                                                                                                                                                                                                                                                                            US-09-658-824-1279
; Sequence 1279, Application US/09658824
; Patent No. 6746846
                                                                                                                                                                                                           201 AAATTGTGGTAAAGACTG 218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    201 AAATTGTGGTAAAGACTG 218
                                                                                                                                                                    1 AAATTGTGGTAATGACTG 18
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                                                                                                                                                                                                                                                                                                                                                                             Wang, Tongtong
Bangur, Chaitanya S.
                                                                                Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative
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Vedvick, Tom
Carter, Darrick
Retter, Marc
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-671-325-1279
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CORGANISM: Homo sapien
US-09-658-824-1279
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CRGANISM: Human
US-09-949-016-157857
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LENGTH: 580
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Sequence 157858, Application US/09949016

Sequence 157859, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
ITILE OF INVENTION: WIMBER: US/09/949,016

CURRENT PILING DATE: 2000-04-14

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-30

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 157858

LEMITH: CONTRACT WINDOWS OF SET OF SEQ ID NOS: 207012
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GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
CENTRE OF INVENTION:
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-3
PRIOR FILING DATE: 2000-10-3
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NOS: 207012
SEQ ID NO 157859
LENGTH: 601
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                                               Gaps
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DB 4; Length 601;
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                                               1; Indels
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Pred. No. 74;
0; Mismatches
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                                            0; Mismatches
Score 16.4;
Pred. No. 74;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 157859, Application US/09949016
Patent No. 6812339
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APPLICATION NUMBER:
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                                                                                                                                               Sequence 157860, Application US/09949016
| Patent No. 681239
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| TITLE OF INVENTION: POLYNORPHISMS IN KNOWN GENES ASSOCIATED
| TITLE OF INVENTION: POLYNORPHISMS IN KNOWN GENES ASSOCIATED
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
| FILE REPREDICATION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
| CURRENT APPLICATION NUMBER: 60/241,755
| PRIOR FILING DATE: 2000-10-20
| PRIOR FILING DATE: 2000-10-03
| PRIOR PELICATION NUMBER: 60/231,498
| PRIOR PELING DATE: 2000-09-08
| NUMBER OF SEQ ID NOS: 207012
| SOFTWARE: FESTESEQ for Windows Version 4.0
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; Sequence 741, Application US/09221017B
; Patent No. 6444799
; GENERAL INFORMATION:
; APPLICANT: Ross, Bruce C.
; TITLE OF INVENTION: P. GINGIVALIS NUCLEOTIDES AND USES THEREOF
; NUMBER OF SEQUENCES: 1120
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 4; Length 601;
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ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSEQ for Windows
SOFTWARE: TastSEQ for Windows
SOFTWARE: 23-DEC-1998
FILING DATE: 23-DEC-1998
CLASSIFTCATION: DATA:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 16.4;
Pred. No. 74
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STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
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FILING DATE: 31-DEC-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PP1546
FILING DATE: 30-JAN-1998
PRIOR APPLICATION NUMBER: PP2911
FILING DATE: 09-APR-1998
PRIOR APPLICATION NUMBER: PP2911
                                        109 ATTGTGGTGATGACTGCA 126
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94.4%;
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                 US-09-949-016-157860
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: Human
US-09-949-016-157860
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APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, 11ya
APPLICANT: Chumakov, 11ya
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Manick
APPLICANT: Cohen, Annick
TITLE OF INVENTION: BIALLELIC MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM
FILE REPREBNCE: 62.033.0TP
CURRENT FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 09/536,178
PRIOR APPLICATION NUMBER: US 09/536,178
PRIOR APPLICATION NUMBER: US 60/126,269
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-04-30
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 977
SOFTWARE: PALENT: PA
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LOCATION: 501
COTHER INFORMATION: 12-317-259 : polymorphic base G or A
NAME/KEY: misc_binding
LOCATION: 481..560
OTHER INFORMATION: 12-317-259.misl, potential
NAME/KEY: misc binding
LOCATION: 502..521
OTHER INFORMATION: 12-317-259.mis2, potential
NAME/KEY: primer_bind
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 16.4; DE
Pred. No. 74;
0; Mismatches
                           FILING DATE: 10-DEC-1998
ATTORNEY/AGENT INFORMATION:
NAME: MONTCOY, Gladys H
REGISTRATION NUMBER: 32,430
REFERENCE/DOCKET NUMBER: 27340-20021.00
TELECOMMULICATION INFORMATION:
TELEPARE: 650-813-5600
TELEFAX: 650-494-0792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORIGINAL SOURCE: ORGANISM: PORYPHYROMONAS GINGIVALIS
PCT/AU98/01023
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 149, Application US/09671317
Patent No. 6528260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 ATTGTGGTAATGACTGCA 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: UNKNOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 706141
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 639 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc_feature
LOCATION: 1...639
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ORGANISM: Homo Sapiens
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APPLICANT: Macina, Roberta
APPLICANT: Macina, Roberta
APPLICANT: Pillai, Rageswari
TTTLE OF INVENTION: Method of Diagnosing, Monitoring, Staging, Imaging and
TITLE OF INVENTION: Treating Colon Cancer
FILE REFRENCE: BEX.0211
CURRENT APPLICATION NUMBER: US/09/895,652A
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: 60/214,515
PRIOR RELIGNED DATE: 2000-06-28
NUMBER OF SEQ ID NOS: 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lodes, mich....

APPLICANT: Vedvick, Tom

APPLICANT: Vedvick, Tom

APPLICANT: Vedvick, Tom

APPLICANT: Retter, Darrick

APPLICANT: Retter, Marc

APPLICANT: Retter, Marc

APPLICANT: Pan, Liqun

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 21012.478612

CURRENT APPLICATION NUMBER: US/09/671,325

CURRENT FILING DATE: 2000-226

NUMBER OF SEQ ID NOS: 1825

SOFTWARE: PastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
        COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF LUNG CANCER
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Pred. No. 93;
0; Mismatches
      ; TITLE OF INVENTION: COMPOSITIONS AND METHODS; TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER; FILE REFERENCE: 210121.478C15; CURRENT APPLICATION NUMBER: US/09/736,457; CURRENT FILING DATE: 2000-12-13; NUMBER OF SEQ ID NOS: 1864; SOFTWARE: FastSEQ for Windows Version 3.0; SOFTWARE: 2279
                                                                                                                                                                                                                                                                          82.0%; Score 16.4; D
94.4%; Pred. No. 93;
ive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1792, Application US/09671325
Patent No. 6667154
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 7, Application US/09895652A
Patent No. 6774223
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                              1833 AAATTGTGGTAAAGACTG 1850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1833 AAATTGTGGTAAAGACTG 1850
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Bangur, Chaitanya S.
Lodes, Michael A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               82.0%;
94.4%;
                                                                                                                                                                                                                                                                        Query Match 82.0
Best Local Similarity 94.4
Matches 17; Conservative
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Matches 17; Conservative
                                                                                                                                                                                           TYPE: DNA
CORGANISM: Homo sapiens
US-09-736-457-1792
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US-09-671-325-1792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-671-325-1792
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                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bangur, Chaitanya S.
APPLICANT: Lodes, Michael A.
APPLICANT: Fanger, Gary
APPLICANT: Vedvick, Tom
APPLICANT: Carter, Darrick
APPLICANT: Retter, Marc
APPLICANT: Manion, Jane
APPLICANT: Mannion, Jane
APPLICANT: Pan, Ligun COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
LOCATION: 742..759
OTHER INFORMATION: upstream amplification primer, complement
NAME/KEY: primer bind
LOCATION: 297..317
OTHER INFORMATION: downstream amplification primer
NAME/KEY: misc_binding
LOCATION: 489..513
OTHER INFORMATION: 12-317-259 potential probe
NAME/KEY: misc_feature
LOCATION: 426,432,443,459,841,849..850,898,914
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tive 0; Mismatches
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CURRENT APPLICATION NUMBER: US/09/702,705
CURRENT FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 1833
SOFTWARE: FastSEQ for Windows Version 3.0
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Patent No. 6509448
GENERAL INFORMATION:
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Bangur, Chaitanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
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Bangur, Chaitanya S.
Lodes, Michael A.
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Best Local Similarity 94.4
Matches 17; Conservative
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Fan, Liqun
Wang, Aijun
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US-09-702-705-1792
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APPLICANT: Wang, T
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US-09-702-705-1792
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, OTHER INFORMAT
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; Sequence 12343, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICAMY: VEYTER, V. Craig et al.
; APPLICAMY: VEYTER, V. Craig et al.
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; CURRENT PILING DATE: 2000-04-1,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR FILING DATE: 2000-10-03
; PRIOR FILING DATE: 2000-0-0-03
; PRIOR FILING DATE: 2000-0-0-03
; REIOR FILING DATE: 2000-0-0-03
; ROWARE: FastSEQ for Windows Version 4.0
; SQFTWARE: FastSEQ for Windows Version 4.0
; TYPE: DNA
; TYPE: DNA
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Sequence 16115, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VEWTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CL001307

CURRENT FILING DATE: 2000-04-14

FRIOR PELICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FRESES for Windows Version 4.0

SEQ ID NO 16115

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Pred. No. 1.6e+02;
0; Mismatches 1; Indels 0;
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; SOPTWARE: Patentin Ver. 2.1
; SEQ ID NO 7
; LENCTH: 4142
; TYPE: DNA
; ORCANISM: Homo sapiens
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Matches 17; Conservative
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; ORGANISM: Human
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Sequence 38, Appl
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Sequence 178, Appl
Sequence 31, Appl
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7 US-10-425-114-6765

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Copyright (c) 1993 - 2005 Compugen Ltd.
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13 US-10-027-632-115090 Sequence 17 US-10-027-632-115088 Sequence 17 US-10-027-632-115099 Sequence 17 US-10-027-632-115090 Sequence 17 US-10-424-599-111650 Sequence 13 US-10-027-632-246967 Sequence 17 US-10-027-632-246967 Sequence	13 US-10-027-632-6586 Sequence 13 US-10-027-632-6587 Sequence 17 US-10-027-632-6586 Sequence 17 US-10-027-632-6587 Sequence 17 US-10-027-632-6587 Sequence	13 US-10-027-632-224321 Sequence 17 US-10-027-632-224321 Sequence 18 US-10-425-115-45493 Sequence	13 US-10-027-632-245779 Sequence 17 US-10-027-632-245779 Sequence 13 US-10-027-632-46387 Sequence	13 US-10-027-632-198735 Sequence 17 US-10-027-632-46387 Sequence 17 US-10-027-632-198735 Sequence	13 US-10-027-632-218332 Sequence 13 US-10-027-632-218333 Sequence 13 US-10-077-622-218333 Sequence	13 US-10-027-632-218335 Sequence 17 US-10-027-632-218335 Sequence 17 US-10-027-632-218332 Sequence	17 US-10-027-632-218333 Sequence 17 US-10-027-632-218334 Sequence 17 US-10-077-622-218334 Sequence	1) US-10-027-632-278343 Sequence 17 US-10-027-632-278343 Sequence 17 US-10-027-632-278343 Sequence	18 US-10-357-930-5335 Sequence 18 US-10-357-930-55336 Sequence	13 US-10-027-632-59858 Sequence 13 US-10-027-632-598443 Sequence 17 US-10-077-632-59844	1/ US-10-027-632-59838 Sequence 17 US-10-027-632-298443 Sequence 11 US-09-969-034-3355 Sequence	13 US-10-027-632-32586 Sequence 17 US-10-027-632-32586 Sequence	13 US-10-027-632-241U8/ Sequence 17 US-10-027-632-241087 Sequence 13 US-10-027-632-183060 Sequence	13 US-10-027-632-183061 Sequence 17 US-10-027-632-183060 Sequence	17 US-10-027-632-183061 Sequence 13 US-10-027-632-283857 Sequence	1/ US-10-027-632-184755 Sequence 17 US-10-027-632-184755 Sequence 17 US-10-027-632-184755 Sequence	13 US-10-027-632-210644 Sequence 13 US-10-027-632-210645 Sequence	13 US-10-027-632-210646 Sequence 13 US-10-027-632-210647 Sequence 13 US-10-027-632-210648 Sequence	17 US-10-027-632-210644 Sequence 17 US-10-027-632-210645 Sequence 17 US-10-027-632-210645 Sequence	17 US-10-027-632-210647 Sequence 17 US-10-027-632-210648 Sequence	13 US-10-027-632-40625 Sequence 17 US-10-027-632-40625 Sequence	13 US-10-027-632-107135 Sequence 17 US-10-027-632-107135 Sequence	13 US-10-027-632-221627 Sequence 13 US-10-027-632-221628 Sequence	13 US-10-027-632-221629 Sequence	17 US-10-027-632-221627 Sequence 17 US-10-027-632-221627 Sequence 17 US-10-027-642-221628 Sequence	17 US-10-027-632-221639 Sequence 17 US-10-027-632-221630 Sequence	18 US-10-767-701-8871 Sequence 13 US-10-027-632-26663 Sequence
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Score 16.8; DB 18;
Pred. No. 3.5e+02;
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95.0%; Pred. No. 74; iive 0; Mismatches
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) LOCATION: (1)...(68732)

; OTHER INFORMATION: n = A,T,C or G

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90.0%;
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Marches 18; Conservative
Best Local Similarity 95.0
Matches 19; Conservative
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; ORGANISM: Homo sapiens
US-10-719-993-16987
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ORGANISM: Homo sapiens
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Sequence 643, Application US/10774355A

Publication No. US20050043513A1

GENERAL INFORMATION:

APPLICANT: Firestein, Stuart

APPLICANT: Zhang, Xinmin

TITLE OF INVENTION: MOUBER: US/10/774,355A

CURRENT APPLICATION NUMBER: US/10/774,355A

CURRENT PILING DATE: 2004-02-06

PRIOR FILING DATE: 2002-08-09

PRIOR FILING DATE: 2002-08-09

PRIOR FILING DATE: 2001-08-09

PRIOR FILING DATE: 2001-08-09

PRIOR FILING DATE: 2001-12-12

NUMBER OF SEQ ID NOS: 2596

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 643

LENGTH: 945
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Publication No. US20040152075A1
GENERAL INFORMATION:
APPLICANT: Betty P. Tsao (Inventor)
APPLICANT: Betty P. Tsao (Inventor)
APPLICANT: Rita M. Cantor (Inventor)
APPLICANT: Betome I. Rotter (Inventor)
ITILE OF INVENTION: Genetic Marker Test for Lupus
FILE REFERENCE: 18810-82152
CURRENT APPLICATION NUMBER: 09/99/909,317
CURRENT FILING DATE: 2001-07-18
FRIOR PIPLICATION NUMBER: 09/280,181
FRIOR FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 7
SOFTWARE FASTESEQ for Windows Version 4.0
                                                                                              ch 100.0%; Score 20; DB 1 Similarity 100.0%; Pred. No. 6.7 20; Conservative 0; Mismatches
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                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-909-317-2
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                                                                                                 Query Match
Best Local Similarity
Matches 20; Conserv
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  LENGTH: 20
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Sequence 16987, Application US/10719993

Sequence 16987, Application US/10719993

Publication No. US20040265849A1

GENERAL INFORMATION:

APPLICANT CARGILL, Michele et al.

TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF.

TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF.

TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF.

CURRENT APPLICATION NUMBER. US/10/719,993

CURRENT FILING DATE: 2003-11-24

NUMBER OF SEQ ID NOS: 55342

SOFTWARE: FRRENCE: AMINGOME VERSION 4.0

SEQ ID NO 16987

LENGTH: 201
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; Bedience 560, Application US/1032281
; Publication No. US20040126/62A1
; GENERAL INFORMATION:
; APPLICANT: David W. Morris
; APPLICANT: Marc S. Malandro
; TITLE OF INVENTION: Novel Compositions and Methods in Cancer; FILE REFERENCE: 52942201000
; CURRENT APPLICATION NUMBER: US/10/322,281
; NUMBER OF SEQ ID NOS: 866
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 560
; LENGTH:...68732
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
FATORNEY/AGENT INFORMATION:
NAME: Benson, Bob
REGISTRATION NUMBER: 98,446
REFERENCE/DOCKET NUMBER: PB248PP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 1722:
SEQUENCE CHARACTERISTICS:
LENGTH: 325 base pairs
TYPE: nucleic acid
STRANDEDNESS: Gouble
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REGISTRATION NUMBER: 46,789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 1722, Application US/10329624 Publication No. US20040043037A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 27-Dec-2002 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gil H. Choi
Patrick S. Dillon
Craig A. Rosen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 AAATTGTGGTAATGACTGCA 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       84.0%;
90.0%;
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Best Local Similarity 90.0
Matches 18; Conservative
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TOPOLOGY: 1;
US-08-781-986A-1722
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APPLICANT: CARGILL, Michele et al.

TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001496
CURRENT APPLICATION NUMBER: US/10/719,993
CURRENT FILING DATE: 2003-11-24
NUMBER OF SEQ ID NOS: 55342
SOFTWARE: FSELSEQ for Windows Version 4.0
SEQ ID NO 16988
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| Sequence 1722, Application US/08781986A
| Publication No. US20030054436A1
| Publication No. US20030054436A1
| Publication No. US20030054436A1
| Publication No. US20030054436A1
| TILE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences NUMBER OF SEQUENCES: 5255
| CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: Human Genome Sciences, Inc. STREET: 9410 Key West Avenue CITY: Rockville
| STATE: Maryland COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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Pred. No. 3.6e+02;
0; Mismatches 2; Indels 0:
                                                                                                                                                                                                                                                                                                                          Score 16.8; DB 18; Length 201;
Pred. No.)3.5e+02;
0; Mismatches 2; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC006
CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER: OF SEQ ID NOS: 10231
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 9678
LENGTH: 256
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,986A
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Publication No. US20030077808A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     149 AAATTGTGGTAATGGTTGCA 130
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Best Local Similarity 90.0%;
Matches 18; Conservative (
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Best Local Similarity 90.0
Matches 18; Conservative
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                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-10-719-993-16988
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US-09-764-891-9678
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                                                                                                                                                                                                                                      TYPE: DNA
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Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5256
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                                                Gaps
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    Length 325;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCIT Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,10/329,624
                                                  2; Indels
Score 16.8; DB 8;
Pred. No. 3.7e+02;
0; Mismatches 2;
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ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: PB248P1D1 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: 08/956,171
FILING DATE: October 20, 1997
APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US 60/193,483
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Best Local Similarity 90.0
Matches 18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Human
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Publication No. US20030204075A9
GENERAL INFORMATION:
FOR TITLE OF INVENTION: Identification and Mapping of Single Nucleotide TITLE OF INVENTION: Polymorphisms in the Human Genome FILE REFREEMED NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: US 60/198,676
PRIOR FILING DATE: US 60/198,676
                                                                                                                                                                                                                                                                                84.0%; Score 16.8; DB 17; Length 325; ilarity 90.0%; Pred. No. 3.7e+02; Conservative 0; Mismatches 2; Indels 0.
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                             TYPE: nucleic acid

STRANDEDNESS: double

STOPOLCGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 1722:

US-10-329-624-1722
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Publication No. US20020198371A1
GENERAL INFORMATION:
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LENGTH: 325 base pairs
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Best Local Similarity 90.0
Matches 18; Conservative
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nes 18; Conserv
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US-10-027-632-218409/c
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Matches
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and Other Molecules Associated With
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APPLICANT: Liu, Jingdong
APPLICANT: Zhou, Yihua
APPLICANT: Shous Yihua
APPLICANT: Kovalic, David K.
APPLICANT: Screen, Steven E
APPLICANT: Tabaska, Jack E
APPLICANT: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 30-21(53313) B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 73128
SEQ ID NOS: 73128
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Publication No. US20040031072A1
GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement FILE REFERENCE: 38-21 (53223)B
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 84.0%; Score 16.8; DB 17; Best Local Similarity 90.0%; Pred. No. 4.2e+02; Matches 18; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 16.8; DB 17;
Pred. No. 4.7e+02;
0; Mismatches 2;
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 2000-02-24
PRIOR FLING DATE: 1999-11-23
PRIOR PRILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-09
SOFTWARE: FASTSO FOR WINDOWS VERSION 4.0
SOFTWARE: FASTSO FOR WINDOWS VERSION 4.0
SEQ ID NO 218409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Clone ID: 700605169_FLI
US-10-425-114-6765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 6765, Application US/10425114; Publication No. US20040034888A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1254 AAATTGTGGTTATGATTGCA 1273
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Sequence 38, Application US/10329624
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Publication No. US20030054436A1
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5.255
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                  Length 2591;
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                                                                                                                                                                                                                                                        Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,986A
                                                                                                                                                                                                              84.0%; Score 16.8; DB 17;
90.0%; Pred. No. 5.2e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 16.8; DB 8;
                                                                                                                                                      ; OTHER INFORMATION: Clone ID: PAT_MRT3847_18914C.1
US-10-424-599-53048
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7.3e+02;
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0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Human Genome Sciences, Inc. STREEF: 9410 Key West Avenue CITY: Rockville STATE: Maryland
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 53048
LENGTH: 2591
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Benson, Bob
RECISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PB248PP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 309-8504
TELEPAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 38:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22929 AACGTGTGGTAATGACTGCA 22948
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Best Local Similarity 90.0%;
Matches 18; Conservative C
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Best Local Similarity 90.0*
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                               TYPE: DNA ORGANISM: Glycine max
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US-08-781-986A-38
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US-08-781-986A-38
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                                                                                                                                     FEATURE:
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RESULT 15 US-10-329-624-38

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Craign A. Rosen
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5256
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ..
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| Publication No. US20040023382A1
| CENERAL INFORMATION:
| APPLICANT: Nicholas M. Dean
| APPLICANT: C. Frank Bennett
| APPLICANT: Kenneth W. Dobie
| TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3CB EXPRESSION
| FILE REFERENCE: PTS-0028
| CURRENT APPLICATION NUMBER: US/10/210,723
| CURRENT FILING DATE: 2002-07-31
| NUMBER OF SEQ ID NOS: 141
| SEQ ID NO 13
| LENGTH: 70000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33 OPERATING SYSTEM: MSDOS version 6.2 SOFTWARE: ASCII Text CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/329,624 FILING DATE: 27-Dec-2002 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: PB248P1D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (240) 314-1224
TELEPAX: (301) 309-8439
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/956,171
FILING DATE: October 20, 1997
APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY AGENT INFORMATION:
NAME: MARK J. HYMMAN
REGISTRATION NUMBER: 46,789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 38:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22929 AACGTGTGGTAATGACTGCA 22948
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                              Gil H. Choi
Patrick S. Dillon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 AAATTGTGGTAATGACTGCA 20
Publication No. US20040043037A1
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 38:
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                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                             STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: USA
ZIP: 20850
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RESULT 19
US-10-322-696-34/c
            US-10-052-482-178
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APPLICANT: Mortis, David W.
APPLICANT: Bigelhard, Eric K.
TITLE OF INVENTION: ASSCIATED WITH ALTERED EXPRESSION OF PRLR
TITLE OF INVENTION: ASSCIATED WITH ALTERED EXPRESSION OF PRLR
FILE REFERENCE: 529452500127
CURRENT APPLICATION NUMBER: US/10/105,948
CURRENT APPLICATION NUMBER: US 09/747,377
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR PILING DATE: 2000-12-22
PRIOR PILING DATE: 2001-12-02
PRIOR PLILNG DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 7
S
                                                                                                                                                                                                                                                                                                                              84.0%; Score 16.8; DB 17; Length 70000; 90.0%; Pred. No. 8.7e+02; tive 0; Mismatches 2; Indels 0;
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TITLE OF INVENTION: NOVEL COMPOSITIONS AND METHODS FOR CANCER FILE REFERENCE: A-7108/7 RMS/DCF (CURRENT APPLICATION NUMBER: US/10/052,482 CURRENT FILING DATE: 2002-08-15 PRIOR APPLICATION NUMBER: US 09/747,377 PRIOR FILING DATE: 2000-12-22 PRIOR FILING DATE: 2000-12-22 PRIOR FILING DATE: 2001-03-02 NUMBER OF SEQ. ID NOS: 241 SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          70791 AAATTGTTGTAATGACTACA 70810
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; TYPE: DNA

; ORGANISM: H. sapiens

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION: 63612-63711

; OTHER INFORMATION: n = A,T,C or G

US-10-210-723-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 AAATTGTGGTAATGACTGCA 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/10105948 Publication No. US20030064383A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 AAATTGTGGTAATGACTGCA 20
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Best Local Similarity 90.0°
Matches 18; Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
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ORGANISM: Homo Sapiens
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ORGANISM: Homo sapiens
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US-10-052-482-178
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US-10-105-948-4
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NAME/KEY: misc_feature; LOCATION: (1)...(366803); OTHER INFORMATION: n = A,T,C or G, or insertion/deletion polymorphism (see Tables 1-; US-10-719-993-6805
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Sequence 6805, Application US/10719993

Publication No. US20040265849A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: GENERIC POLYMORPHISMS ASSOCIATED WITH

TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT PAPLICATION NUMBER: US/10/719,993

CURRENT FILING DATE: 2003-11-24

NUMBER OF SEQ ID NOS: 55342

SOFTWARE: FeetSEQ for Windows Version 4.0

SEQ ID NO 6805

LENGTH 36603
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  Length 96599
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Sequence 34, Application US/10122696
Publication No. US20040166490A1
GENERAL INFORMATION:
APPLICANT: MAIANITO, MAIC
TITLE OF INVENTION: NOVEL THERAPEUTIC TARGETS IN CANCER
FILE REFERENCE: 529452001200
CURRENT APPLICATION NUMBER: US/10/322,696
CURRENT FILING DATE: 2003-10-17
NUMBER OF SEQ ID NOS: 186
SOFTWARE: FASECSEQ for Windows Version 4.0
SEQ ID NO 34
LENGTH: 357652
                                                     Indels
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84.0%; Score 16.8; DB 18;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2;
84.0%; Score 16.8; DB 17;
90.0%; Pred. No. 9.1e+02;
live 0; Mismatches 2;
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                                                                                                                                                 70791 AAATTGTTGTAATGACTACA 70810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; NAME/KEY: misc_feature
; LOCATION: (1)...(357652)
; OTHER INFORMATION: n = A,T,C or G
US-10-322-696-34
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     Query Match
Best Local Similarity 90.0
Matches 18; Conservative
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ORGANISM: Homo sapiens
FEATURE:
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 18; Conserv?
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Sequence 50, Application US/09339338A Patent No. US20020102602A1 GENERAL INFORMATION:
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Jiang, Yuqiu
Dillon, Davin C.
Mitcham, Jennifer L.
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; ORGANISM: Homo sapien
US-09-834-759-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
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US-09-339-338-50/c
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US-09-551-621-50/c
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                                                                          Sequence 3, Application US/10412277
Publication No. US20030175791A1
GENERAL INFORMATION:
APPLICANT: GENEGLER, Karl et al
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: CLOO1067DIV
CURRENT APPLICATION NUMBER: US/10/412,277
CURRENT FILING DATE: 2003-04-14
NUMBER: OF SEQ ID NOS: 8
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 786431
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
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Sequence 50, Application US/09604287A

GENERAL INFORMATION:

APPLICANT: Jang, Yuqiu

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Mitcham L.

APPLICANT: Hepler, William T.

TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER

TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER

TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER

CURRENT FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 489

SOFTWARE: PRAESE OF WINDOWS VERSION 3.0

SEQ ID NO 50

LENGTH: 271
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's Sequence 50', Application US/09834759

'Publication No. US20020085998A1

'GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: n = A,T,C or G
US-10-412-277-3
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Best Local Similarity 94.4*
Matches 17; Conservative
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LOCATION: (1)...(78643.
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                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Human
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US-09-604-287A-50/c
                                                                     JS-10-412-277-3/c
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Publication No. US20030104366A1
GENERAL INFORMATION.
GENERAL INFORMATION.
APPLICANT: Yuqui, Jiang
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchun
APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.470C5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Yuqiu, Jiang
APPLICANT: Yuqiu, Jiang
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jiangchum, Jennifer L.
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
CURRENT APPLICATION NUMBER: US/09/339,338A
CURRENT FILING DATE: 1999-06-23
NUMBER OF SEQ ID NOS: 315
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 50
LENGTH: 271
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APPLICANT: Xu, Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Robert A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER
FILE REPREBRECE: 210121.470C9
CURRENT PELLING DATE: 2001-04-13
NUMBER OF SEQ ID NOS: 547
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 50
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232 AAATTGTGGTAAAGACTG 215
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94.4%;
                                                                                               Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative
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                        ; TYPE: DNA
; ORGANISM: Homo sapien
US-10-076-622-50
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; ORGANISM: Homo sapien
US-10-124-805-50
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CORGANISM: Homo sapien
US-10-441-893-50
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Best Local Similarity
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US-10-441-893-50/c
    LENGTH: 271
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; Sequence 50, Application US/10076622
; Publication No. US20030023036A1
; GENERAL INFORMATION:
; APPLICANT: Houghton, Raymond L.
; APPLICANT: Sleath, Paul R.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: COMPOSITIONS OF BREAST CANCER
; FILE REFERENCE: 210121.470C11
; CURRENT APPLICATION NUMBER: US/10/076,622
; CURRENT FILING DATE: 2002-02-13
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 50
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Pred. No. 5.7e+02;
0; Mismatches 1; Indels 0;
                                                                                                                                                                                             Length 271;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Durham, Margarita
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CANCER
FILE REFERENCE: 210.121.4.7001.0
CURRENT APPLICATION NUMBER: US/10/007,805
CURRENT FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 593
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                             Query Match 82.0%; Score 16.4; DB 10; Best Local Similarity 94.4%; Pred. No. 5.7e+02; Matches 17; Conservative 0; Mismatches 1;
CURRENT APPLICATION NUMBER: US/09/551,621
CURRENT FILING DATE: 2000-04-17
NUMBER OF SEQ ID NOS: 479
SSCYTARE: FastSEQ for Windows Version 3.0
SEQ ID NO 50
LENGTH: 271
                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 50, Application US/10007805; Publication No. US20020150581A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Jiang, Yuqiu
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: My Jiangchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Hepler, William T.
APPLICANT: Henderson, Robert A.
APPLICANT: Fanger, Gary R.
APPLICANT: Vedvick, Thomas S.
APPLICANT: Wolvill, Patricia D.
                                                                                                                                                                                                                                                                                                  232 AAATTGTGGTAAAGACTG 215
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Best Local Similarity 94.49
Matches 17; Conservative
                                                                                                                TYPE: DNA
ORGANISM: Homo sapien
US-09-551-621-50
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US-10-007-805-50
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APPLICANT:
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Sequence 50, Application US/1041893

Sequence 50, Application US/1041893

Publication No. US20030229020A1

GENERAL INFORMATION:

APPLICANT: Oillon, Davin C.

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Without Compositions For THE TREATMENT AND

TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND

TITLE OF INVENTION: USAGE 10121.470D1

CURRENT APPLICATION UMBER: US/10/441,893

CURRENT FILING DATE: 2003-05-16

NUMBER OF SEQ ID NOS: 181

SOFTWARE FEBSES FOR Windows Version 3.0

SEQ ID NO 50

LENGTH: 271
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Score 16.4; DB 14; Length 271;
Pred. No. 5.7e+02;
0; Mismatches 1; Indels 0:
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Pred. No. 5.7e+02;
0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              82.0%; Score 16.4; DB 16; Length 271; 94.4%; Pred. No. 5.7e+02; ive 0; Mismatches 1; Indels 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                   FOR THE THERAPY CANCER
                                                                                                                                                                                                                                     JULIO 124-805-50/C

US-10-124-805-50/C

US-10-124-805-50/C

US-10-124-805

Publication No. US2030166022A1

GENERAL INFORMATION:

APPLICANT: Houghton, Raymond L.

APPLICANT: Sleath, Paul R.

TITLE OF INVENTION: OMPOSITIONS AND METHODS FOR;

TITLE OF INVENTION: AND DIAGNOSIS OF BREAST CAN;

FILE REPERENCE: 210121.470C12

CURRENT APPLICATION NUMBER: US/10/124,805

CURRENT APPLICATION NUMBER: US/10/124,805

NUMBER OF SEQ ID NOS: 627

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 50
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1 Sequence 500, Application US/09954531

1 Sequence 500, Application US/09954531

1 GENERAL INFORMATION:
1 GENERAL INFORMATION:
2 TITLE OF INVENTION:
2 TITLE OF INVENTION:
3 TITLE OF INVENTION:
3 TITLE OF INVENTION:
4 TITLE OF INVENTION:
5 TITLE OF INVENTION:
5 TITLE OF INVENTION:
5 TITLE OF INVENTION:
6 TORRENT FILING DATE:
7 CURRENT FILING DATE:
7 CURRENT FILING DATE:
7 CURRENT FILING DATE:
7 CONDO-09-18
7 PRIOR APPLICATION NUMBER: US/60/234,009
7 PRIOR PILING DATE:
7 2000-09-20
7 PRIOR APPLICATION NUMBER: US/60/234,509
7 PRIOR PILING DATE:
7 2000-09-20
7 PRIOR PILING DATE:
7 2000-09-20
7 PRIOR APPLICATION NUMBER: US/60/234,567
7 PRIOR APPLICATION NUMBER: US/60/234,567
7 PRIOR PILING DATE:
7 2000-09-22
7 NUMBER OF SEQ ID NOS: 1392
7 SOFTWARE: PatentIn version 3.0
7 SEQ ID NO 500
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US-10-84-64-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-10-84-
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Best Local Similarity 94.4%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-954-531-500
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APPLICANT: Augustus. Meena
TITLE OF INVENITION: Cancer Gene Determination and Therapeutic Screening Using Signatu
TITLE OF INVENITION: Sets
TITLE OF INVENITION: Sets
FILE REPREBUCE: 689290-72
CURRENT APPLICATION NUMBER: US/60/236,109
PRIOR APPLICATION NUMBER: US/60/236,034
PRIOR APPLICATION NUMBER: US/60/236,034
PRIOR PILING DATE: 2000-09-28
PRIOR PELING DATE: 2000-09-28
PRIOR PILING DATE: 2000-09-28
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 325
SOFTWARE: PATENTION OF SEQ ID NOS: 325
LENGTHA: 953
LENGTH: 453
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US-09-880-107-635
                                                                                           Sequence 615, Application US/09880107

Sequence 615, Application US/09880107

Patent No. US20020142981A1

GENERAL INFORMATION:

APPLICANT: VockLey, Joseph G.

APPLICANT: Scherf, Uwe

APPLICANT: Scherf, Uwe

TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer

FILE REFERENCE: 44921-5028-WO

CURRENT FILING DATE: 2001-06-14

PRIOR FILING DATE: 2001-06-14

PRIOR PRING PAPLICATION NUMBER: US 60/211,379

PRIOR APPLICATION NUMBER: US 60/237,054

PRIOR APPLICATION NUMBER: US 60/237,054

PRIOR PLING DATE: 2000-10-02

NUMBER OF SEQ ID NOS: 3950

SOFTWARE: PatentIn Ver: 2.1

SEQ ID NO 635
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Pred. No. 6.2e+02;
0; Mismatches 1; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
82.0%; Score 16.4; DB 9; Length 453;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 53, Application US/09967768A Patent No. US20020150877A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                144 AAATTGTGGTAAAGACTG 127
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Best Local Similarity 94.4
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
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US-09-967-768A-53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 31
US-09-967-768A-53/c
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0; Mismatches
                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
FRATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No: 2790863T6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1186, Application US/09998598 Patent No. US20020150922A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1279, Application US/09736457
Patent No. US20020168637A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LCCATION: 559
OTHER INFORMATION: n = A,T,C or G
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Bangur, Chaitanya S.
Lodes, Michael A.
Fanger, Gary
Vedvick, Tom
Carter, Darrick
Retter, Marc
Mannion, Jane
CURRENT FILING DATE: 2003-08-07
NUMBER OF SEQ ID NOS: 516
SOFTWARE: PERL Program
SEQ ID NO 119
LENGTH: 552
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94.4%;
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Best Local Similarity 94.4%;
Matches 17; Conservative
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Best Local Similarity 94.4*
Conservative
17. Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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APPLICANT:
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TITLE OF INVENTION: Cancer Gene Determination and Therapeutic Screening Using
TITLE OF INVENTION: Signature Gene Sets
FILE REFERENCE: 689290-189
CURRENT APPLICATION NUMBER: US/10/843,641A
CURRENT FILING DATE: 2001-06-18
FRIOR FILING DATE: 2001-06-05
FRIOR FILING DATE: 2001-06-18
FRIOR FILING DATE: 2001-06-18
FRIOR FILING DATE: 2001-09-18
FRIOR FILING DATE: 2001-09-25
FRIOR PELICATION NUMBER: US/09/962,436
FRIOR FILING DATE: 2001-09-25
FRIOR PELICATION NUMBER: US/09/962,436
FRIOR FILING DATE: 2001-09-25
FRIOR FILING DATE: 2001-09-25
FRIOR FILING DATE: 2001-09-25
FRIOR FILING DATE: 2001-09-26
FRIOR FILING DATE: 2001-09-27
FRIOR FILING DATE: 2001-09-27
FRIOR FILING DATE: 2001-09-27
FRIOR FILING DATE: 2001-09-27
FRIOR FILING DATE: 2001-09-28
FRIOR FILING DATE: 2001-00-28
FRIOR FILING DATE: 2001-10-02
FRIOR FILING DATE: 2001-10-02
FRIOR FILING DATE: 2001-10-03
FRIOR FILING DATE: 2
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                                                                                                                 Query Match 82.0%; Score 16.4; DB 19; Length 453; Best Local Similarity 94.4%; Pred. No. 6.2e+02; Matches 17; Conservative 0; Mismatches 1; Indels 0
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Publication No. US20040110194A1
GENERAL INFORMATION:
APPLICANT: Sornase, Thierry
APPLICANT: Sornase, Ben
APPLICANT: Sanjawala, Bharati
TITLE OF INVENTION: GENES REGULATED BY HUMAN CYTOKINES
FILE REFERENCE: PA-0020 US
CURRENT APPLICATION NUMBER: US/10/637,955
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ed. No. 6.2e+02;
Mismatches 1
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Publication No. US20050064454A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 94.4'
                             ORGANISM: Homo sapiens
US-10-843-641A-1567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
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  Length 552;
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                                                    Indels
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Score 16.4; DB 18;
Pred. No. 6.4e+02;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Chenault, Ruth A.
APPLICANT: Chenault, Ruth A.
APPLICANT: Meagher, Madelein Joy,
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER; FILE REFERENCE: 210121:56; CURRENT APPLICATION NUMBER: US/09/998,598
CURRENT APPLICATION NUMBER: US/09/998,598
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 2606
SOFTWARE: Corixa Invention Disclosure Database
SEQ ID NO 1186
LENGTH: 580
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us-09-909-317-2.rnpb

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CURRENT APPLICATION NUMBER: US/09/849,626
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 1926
SEQTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1279
LENGTH: 580
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Best Local Similarity 94.41
Best Local 17; Conservative
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; ORGANISM: Homo sapiens
US-10-017-754-1279
                                                                                                                                                                                                                                                   TYPE: DNA
CORGANISM: Homo sapien
US-09-849-626-1279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-017-754-1279
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APPLICANT: Fanger, Gary
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
APPLICANT: Wang, Anne
APPLICANT: Switzer, Anne
APPLICANT: Clapper, Jonathan
IIILE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.478C16
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APPLICANT: Retter, March Warc W.
APPLICANT: Marnerakis, Margarita
APPLICANT: Arter, Darrick
APPLICANT: Fanger, Thomas S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: March March
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82.0%; Score 16.4; DB 9; Length 580;
Best Local Similarity 94.4%; Pred. No. 6.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels (
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Pred. No. 6.4e+02;
0; Mismatches 1; Indels
                                                                                                                                                                      FastSEQ for Windows Version 3.0
FILE REFERENCE: 210121.478C15
CURRENT APPLICATION NUMBER: US/09/736,457
CURRENT FILING DATE: 2000-12-13
NUMBER OF SEQ ID NOS: 1864
SOFTWARE: FastSEQ for Mindows Version 3.4
LENGTH: 580
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Publication No. US20020197669A1
GENERAL INFORMATION:
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Patent No. US20020172952A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative C
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US-09-902-941-1279
                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Homo sapien
US-09-736-457-1279
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US-09-849-626-1279
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                                                                                                Gaps
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APPLICANT: Watanabe, Yoshihiro
APPLICANT: Watanabe, Yoshihiro
APPLICANT: Johnson, Jeffrey C.
APPLICANT: Retter, Marc W.
APPLICANT: Retter, Marc W.
APPLICANT: Carter, Darrick
APPLICANT: Carter, Darrick
APPLICANT: Panger, Gary R.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Bragur, Chaitanya S.
APPLICANT: McNabb, Andrianya S.
APPLICANT: MCNabb, AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121-478C18
CURRENT APPLICATION INDHER: US/10/017,754
CURRENT APPLICATION INDHER: US/10/017,754
CURRENT APPLICANTON INDHER: US/10/017,754
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Query Match 82.0%; Score 16.4; DB 9; Length 580; Best Local Similarity 94.4%; Pred. No. 6.4e+02; Matches 17; Conservative 0; Mismatches 1; Indels (
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APPLICANT: Watanabe, Yoshihiro
APPLICANT: Henderson, Robert A.
APPLICANT: Henderson, Robert A.
APPLICANT: Sleath, Paul R.
APPLICANT: Sleath, Paul R.
APPLICANT: Carter, Darrick
APPLICANT: Fanger, Garer, Darrick
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 2.10.12.1.478(1.9)
CURRENT APPLICATION NUMBER: US/10/113,872
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Publication No. US20030170255A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1279, Application US/10017754 Publication No. US20030054363A1 GENERAL INFORMATION:
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Indels

Length 588;

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Score 16.4; DB 17;
Pred. No. 6.4e+02;
                                                                                                                                                                                                                                                            0; Mismatches
    PRIOR APPLICATION NUMBER: AU PQ 4859
PRIOR FILING DATE: 1999-12-24
NUMBER OF SEQ ID NOS: 8
SEQ TWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 588
                                                                                                                                TYPE: DNA ORGANISM: Porphyromonas gingivalis
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                                                                                                                                                                                                                     82.0%;
94.4%;
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94.4%;
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Best Local Similarity 94.*
Local 17; Conservative
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ORGANISM: Human
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APPLICANT: Wedvick Thomas S.

APPLICANT: Bengur, Chairanya S.

APPLICANT: Bengur, Chairanya S.

TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER

TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER

FILE REFERENCE: 210121.478C20

CURRENT APPLICATION NUMBER: US/10/283,017

CURRENT APPLICATION NUMBER: US/10/283,017

CURRENT FILING DATE: 2102-10-28

NUMBER OF SEQ ID NOS: 2157

SOFTWARE: FastSEQ for Windows Version 4.0

FENGL DATE: 210 1279
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Pred. No. 6.4e+02;
0; Mismatches 1; Indels 0
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Publication No. US2003023202A1

GENERAL INFORMATION:

APPLICANT: Slakeski, Nada

APPLICANT: Slakeski, Nada

APPLICANT: Chen, Chao Guang

APPLICANT: Barr, Ian George

TITLE OF INVENTION: P. GINGIVALIS ANTIGENIC COMPOSITION

FILE REFERENCE: 529282000700

CURRENT APPLICATION NUMBER: US/10/174,695

CURRENT FILING DATE: 2002-06-18

PRIOR FILING DATE: 2000-12-21
                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                          Query Match 82.0%; Score 16.4; DB 16; Best Local Similarity 94.4%; Pred. No. 6.4e+02; Matches 17; Conservative 0; Mismatches 1;
; CURRENT FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 2011
; SEQVARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1279
LENGTH: 580
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-113-872-1279
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1279, Application US/10283017
Publication No. US20030211510A1
                                                                                                                                                                                                                                                                                                                         201 AAATTGTGGTAAAGACTG 218
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Johnson, Jeffrey C.
Retter, Marc W.
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94.4%;
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Darrick
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US-10-283-017-1279
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Best Local Similarity
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Sequence 237280, Application US/10027632

Publication No. US20020198371A1

GENERAL INFORMATION:

APPLICANT: Wangy David G.

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US 60/218,006

FRIOR APPLICATION NUMBER: US 60/218,006

FRIOR APPLICATION NUMBER: US 60/198,676

FRIOR APPLICATION NUMBER: US 60/199,676

FRIOR APPLICATION NUMBER: US 60/193,483

FRIOR FILING DATE: 2000-09-29

FRIOR FILING DATE: 2000-03-29

FRIOR FILING DATE: 2000-03-29

FRIOR FILING DATE: 1999-11-23

FRIOR FILING DATE: 1999-11-23

FRIOR APPLICATION NUMBER: US 60/156,358

FRIOR FILING DATE: 1999-09-28

FRIOR APPLICATION NUMBER: US 60/146,002

FRIOR FILING DATE: 1999-09-28

FRIOR FILING DATE: 1999-08-38

FRIOR FILING DATE: 1999-08-38
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Pred. No. 6.5e+02;
0; Mismatches 1;
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OTHER INFORMATION: n = A,T,C or G
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ANTI-SENSE: UNKNOWN
ORIGINAL SOURCE:
ORGANISM: PORPHYROMONAS GINGIVALIS
                                                                                                                                                                                                           );
NAME/KEY: misc_feature
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LOCATION: 1...639
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SEQUENCE DESCRIPTION: SEQ ID NO: 741
US-10-194-163-741
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| FEATURE:
| NAME/KEX: misc feature
| LOCATION: (1)...(697)
| OTHER INFORMATION: n = A,T,C or G
                                                                     TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
LENGTH: 639 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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Best Local Similarity 94.4%
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US-10-015-219-1100/c
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Publication No. US20020172976A1
GENERAL INFORMATION:
APPLICANT: Ross, Bruce Carter
TITLE OF INVENTION: PORPHYROMONAS GINGIVALIS POLYNUCLEOTIDES
AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 605;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Indels
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ZIP: 94304-1018
COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FASTESEQ for Windows Version 2.0b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          82.0%; Score 16.4; DB 17;
94.4%; Pred. No. 6.5e+02;
iive 0; Mismatches 1;
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5995
                CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT PILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-10-28
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-29
PRIOR FILING DATE: 1999-09-20
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FRESEE FOR WINDOWS VERSION 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/194,163
FILING DATE: 04-NOV-2002
CLASSIPICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 1120
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: PALO ALTO
STATE: CA
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NAME: Basu, Shantanu
REGISTRATION NUMBER: 43,318

;. LOCATION: (1)...(605)
; OTHER INFORMATION: n = A,T,C or G
US-10-027-632-237280

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SEQUENCE CHARACTERISTICS:
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Best Local Similarity 94.4'
Matches 17; Conservative
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US-10-194-163-741/c
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LENGTH: 605
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                                                                   Gaps
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; Batent No. US200202591A1
; GENERAL INFORMATION:
   APPLICANT: Algate, Paul A.
; APPLICANT: Mannion, Jane
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: COMPOSITIONS OF OVARIAN CANCER
; TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
; TITLE OF INVENTION: AUM DIAGNOSIS OF OVARIAN CANCER
; CURRENT FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 1730
; SEQ ID NO 1100
; SEQ ID NO 1100
; LENGTH: 697
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Query Match 82.0%; Score 16.4; DB 13; Length 639; Best Local Similarity 94.4%; Pred. No. 6.5e+02; Matches 17; Conservative 0; Mismatches 1; Indels 0;
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Publication No. US20030008299A1
GENERAL INFORMATION:
APPLICATION NO. US20030008299A1
GENERAL INFORMATION:
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
PILE REPERENCE: 210121.493C1
CURRENT APPLICATION NUMBER: US/10/015,219
CURRENT FILING DATE: 2002-03-02
NUMBER OF SEQ ID NOS: 1739
SOFTWARE: FastSEQ for Windows Version 4.0
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Search completed: June 2, 2005, 11:57:52
Job time : 214.586 secs
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Bublication No. US20030206918A1

GENERAL INFORMATION:

APPLICANT: Fanger, Gary R.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER

FILE REFERENCE: 210121.484C8

CURRENT FILING DATE: 2003-02-05

NUMBER OF SEQ ID NOS: 293

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 744
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APPLICANT: Chenault, Ruth A.
APPLICANT: Turing anger, Gary
APPLICANT: Fanger, Gary
APPLICANT: Harlocker, Gusan L.
APPLICANT: Harlocker, Susan L.
APPLICANT: McNeill, Patricia D.
APPLICANT: AND DIAGNOSIS OF OVARIAN CANCER
FILE REFERENCE: 21012.48477
CURRENT PAPLICATION NUMBER: USC 108-02
NUMBER OF SEQ ID NOS: 288
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 744
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 82.0%; Score 16.4; DB 15; Length 744; Best Local Similarity 94.4%; Pred. No. 6.7e+02; Matches 17; Conservative 0; Mismatches 1; Indels 0;
                                                                                                                                                                   Query Match 82.0%; Score 16.4; DB 14; Length 697; Best Local Similarity 94.4%; Pred. No. 6.6e+02; Matches 17; Conservative 0; Mismatches 1; Indels 0.
                                             NAME/KEY: misc_feature; LOCATION: 542, 568, 574, 595, 620, 636, 652, 676; OTHER INPORMATION: n = A,T,C or G
                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 230, Application US/10212677; Publication No. US20030129192A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: miso_feature;
// LOCATION: 603,618,636,723,724
US-10-212-677-230
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                                                                                                                                                                                                                                                                                                                       380 AAATTGTGGTAAAGACTG 363
                                                                                                                                                                                                                                                                      1 AAATTGTGGTAATGACTG 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AAATTGTGGTAATGACTG 18
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FEATURE:
NAME/KEY: misc_feature
LOCATION: 603,618,636,723,724
ORGANISM: Homo sapiens FEATURE:
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ORGANISM: Homo sapiens
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US-10-212-677-230
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                                                          Score 16.4; DB 17; Length 744; Pred. No. 6.7e+02; 0; Mismatches 1; Indels 0
; OTHER INFORMATION: n = A,T,C or G
US-10-361-811-230
                                                                                                                                                                            493 AAATTGTGGTAAAGACTG 510
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                                                            Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative
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; NAME/KEY: CDS
; LOCATION: (160)...(3204)
US-09-517-467B-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
US-09-949-016-13597/C
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US-09-517-467B-3
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Best Local S
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Sequence 13597, A
Sequence 12360, A
Sequence 13627, A
Sequence 13627, A
Sequence 1531, A
Sequence 15919, A
Sequence 14579, A
Sequence 14579, A
Sequence 12513, A
Sequence 17510, A
Sequence 17391, A
Sequence 17391, A
Sequence 13655, A
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(cgn2_6/ptodata/1/ina/6B_COMB.seq:*

(cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*

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                  5.1.6
Compugen Ltd
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Fatent No. 6451602
GENERAL INFORMATION:
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
FRIOR PELLING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
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Pred. No. 1.6e-52;
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US-09-949-016-17307
US-09-949-016-14494
US-09-949-016-15794
US-09-949-016-15824
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US-09-949-016-14702
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Sequence 12360, Application US/09949016

Sequence 12360, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: US/09/949,016

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR PAPLICATION NUMBER: 60/237,768
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                                                                                                                                                                                                                                    GGAGGATTGCTTGAGGCCAGGGGTTCAAGACCAGCCTGGGCAACATGGAGAGTTCCCCA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1126 GGGTGGACCTAGCACTGCAGGTCCACCTCGGGCCA-ATCAACTATATTCCCGAGGCGGG
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                                                                                              GATCTAGGCCAGGTGCAGTGGCTCATGCCTGTAATCCCAGCAATTTGGGAAGTCGAGGTG
                                                                                                                                                               GTTGAAGGCCGGGCACAGTGGCTCACACCTGTAATCCTAACACTTTGGGAGGCCGAGGTG
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Sequence 13597, Application US/09949016

Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
GURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR PLILING DATE: 2000-10-20
PRIOR PLILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NO 13597
LENGTH: 98439
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LOCATION: (1)...(98439)
OTHER INFORMATION: n = A,T,C or
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Best Local Similarity 54.4
Matches 795; Conservative
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                                                                                                                                     10.9%; Score 228; DB 4; Length 105679; 60.6%; Pred. No. 7.2e-44; ive 0; Mismatches 275; Indels 19;
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PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 12360
LENGTH: 105679
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                                                                                                                                   Query Match
Best Local Similarity 60.6°
Matches 452; Conservative
                                                                                    ; TYPE: DNA
; ORGANISM: Human
US-09-949-016-12360
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TITLE OF INVENTION: VARIATION: CLAIGUE & AL.
TITLE OF INVENTION: POLYMORHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR PELLING DATE: 2000-10-20
PRIOR PELLING DATE: 2000-10-03
PRIOR PELLING DATE: 2000-10-03
PRIOR PELLING DATE: 2000-01-03
PRIOR PELNG DATE: 2000-01-03
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60.6%; Pred. No. 7.2e-44;
ive 0; Mismatches 275; Indels
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Best Local Similarity 60.6
Matches 452; Conservative
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ORGANISM: Human
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US-09-949-016-16409
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806 AGCCTGGGCAACATGGAGAGATTCCC 831

Sequence 16409, Application US/09949016 Patent No. 6812339 GENERAL INFORMATION:

RESULT 4 US-09-949-016-16409

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Sequence 13627, Application US/09949016

Sequence 13627, Application US/09949016

GENERAL INFORMATION:
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TURENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FREESE FOR WINDOWS VERSION 4.0
SEQ ID NO 13627
LENGTH: 36311
      75259 TAACAGTTTTTACAAGGCCAGGCACAGTGGCTCATGCCCGTAATCCCAGCACTTTGGGAG 75318
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                                                                   765 GTCGAGGTGGGAGGATTGCTTGAGGCCAGGGGTTCAAGACCAGCCTGGGCAACATGGAGA
                                                                                                                          75319 gergageregezagarcacergagereagarreagaceageceagecaacardarea
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LOCATION: (1)...(3611)

CTHER INFORMATION: n = A,T,C or G

US-09-949-016-13627
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US-09-949-016-13627/c
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ORGANISM: Human
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                                                                                                                                                                       Sequence 1. Application US/09792616
Patent No. 6780587
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: PXE INTEGRATION:
APPLICANT: University of Hawaii
TITLE OF INVENTION: Mutations in a gene encoding an ABC transporter (MRP6) causing TITLE OF INVENTION:
FILE REFERENCE: PXE-001
CURRENT APPLICATION NUMBER: US/09/792,616
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.0
SEQ ID NO I 207820
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OTHER INFORMATION: "n" can be an A or a T or a G or a C
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LENGTH: 38343
TYPE: DNA
ORGANISM: Human
              Sequence 15714, Ap.
Patent No. 6812339
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RESULT

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FARCHAL NO. 0812339;
FARCHAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REPERENCE: CLOO1307
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/231,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
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SOFTWARE FARSEQ FOR WINDOWS VERSION 4.0
SOFTWARE FARSEQ FOR WINDOWS VERSION 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   177 CCAGTGGCACTATCATGGCTCACCACAGCCTCAACCTTCAGGGCTCAGGTGATCCTCCCCA
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Application US/09949016
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16587 ATTTTTCCTGTCACTCCCAGTGTTTCTGGTCATCATTTAAAACAATTATCTAGGCCAAG 16646
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ACACACACACACACACACACACAAATATCTGATAGCAACAGGTGCAGTCATTACCACAA 906
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   TATTCATCTGCTTATTTTTTTTTATCCTCTATACCAGAATTGAATATTTTCAAATAAAGCA
                                                                                                                                    CACTCATGTTACAATCTTTGAAATGGAAAAAAAAAATGCATAGGATTAGAAAAGAAACCA
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1, Sequence 12032, Application US/09949016

5, Sequence 12032, Application US/09949016

5, Retent No. 681239

5, GENERAL INFORMATION;

6, APPLICANT: VENTER, J. Craig et al.

7, TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

7, TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

7, CURRENT PILIONG DATE: 2000-04-14

7, PRIOR APPLICATION NUMBER: 60/241,755

7, PRIOR APPLICATION NUMBER: 60/241,768

7, PRIOR FILING DATE: 2000-10-20

7, PRIOR PRIOR PRIOR DATE: 2000-10-20

7, PRIOR P
16199 TGAGGCGGGTGGATCACCTGAGGTCCGGAGTTCCAGACCAGCCTGACCAACATGGAGAAA 16258
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Pred. No. 1e-42;
0; Mismatches 641;
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52.8%;
                                                                                                                                                                                                                                                                                                TCCCATCTCT 16268
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Best Local Similarity 52.8
Matches 815; Conservative
                                                                                                                                                                                                                                 TICCCCATCT 836
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US-09-949-016-12032
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Sequence 14577, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REPERENCE: CL001307
CURRENT PAPLICATION NUMBER: US/09/949,016
CURRENT PILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
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TGCAGTGGCTCATGCCTGTAATCCCAGCAATTTGGGAAGTCGAGGTGGGAGGATTGCTTG
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US-09-949-016-14577
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                                                                                    GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THERR
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-04-14
PRIOR PELING DATE: 2000-10-03
PRIOR PELING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PILING DATE: 2000-10-03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 10.7%; Score 222.4; DB 4; Length Best Local Similarity 52.8%; Pred. No. 1e-42; Matches 815; Conservative 0; Mismatches 641; Indels
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                                              Application US/09949016
                                              Sequence 15919, Ap
Patent No. 6812339
                     US-09-949-016-15919
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; ORGANISM: Human
US-09-949-016-15919
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GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION:
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
CURRENT APPLICATION NUMBER: US/09/49,016
CURRENT FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRAFESEQ for Windows Version 4.0
LENGTH: 679533
            CTGATAGCAACAGGTGCAGTCATTACCACAATTTCGAGTAGTGATGAGGTTAATAATATT 935
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               406516 GCCGAGAACGCACCACTGCACT 406542
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Patent No. 6812339
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; OTHER INFORMATION: n = A
US-09-949-016-14578
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PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FABSTS
LENGTH: 678533
                                                                                                                                                                                                                                                                                                                                                                                                   ; LOCATION: (1)...(678533)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14577
                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature
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; Second 12513, Application US/09949016
; Patent No. 681239, Application US/09949016
; Patent No. 6812313, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
    TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
    TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REPERENCE: CLOOD1307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR FILING DATE: 2000-10-20
; PRIOR FILING DATE: 2000-10-03
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTHARE: FREESE for Windows Version 4.0
; SEQ ID NO 12513
LENGTH: 103987
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1111 CCGTCCAAGCCAGGAGGGTGGACCTAGCACTGCAGGTCCACCTCGGGCCAATCAACTAT 1170
                                                                                                                                  106217 CAGGCCTTTCTATGTGAAATTTATTTTACCACATGCTAGTTTAAAAAAACAAAACAAAAC
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                                       106157 ATACCTCAAGATGGAATTTGGAAGTTACTTCCTTGTGAAACTTCCTAATGATTCCAAAGT
                                                                                      1171 ATTCCCGAGGCGGGGCCTGCCCTTCCCGGACCCAGCTGCCCTCAGGGGAGAGAGGACAC
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US-09-949-016-12513/c
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US-09-949-016-12513
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                       Length
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                    Score 219.8; DB 4;
Pred. No. 1.5e-41;
0; Mismatches 662;
                    10.5%;
                  Query Match 10.5
Best Local Similarity 50.9
Matches 716; Conservative
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Sequence 12086, Application US/09949016

Sequence 12086, Application US/09949016

Retent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

ITILE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REFERENCE: CLOOL1307

CURRENT PAPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 12086

LENGTH 15782
                                                                                                                                                                        47849 GCAGGCAGATCTCCTGAGGTCAGGAGTTTGAGACTAGCCTGGCCAACATGGTGAAACCCC 47790
48449 ATCTAGGCTCACTGCAACCTCTGCCACCAGGGTTCACAAATTCTCCTGCCTCAGCCTCC 48390
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                                               248 CGAGTAGATGGGACTACAGGCACCTGCCACCACCCCCCAGCTAA
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NAME/KEY: misc_feature
LOCATION: (1)...(152582)
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ORGANISM: Human
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TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOOL307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR PLILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR PRILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
                                               8269 ACCCTCCTTGGCCTCCCAAAGTGCTAGGATTACCGGTGTGTGAGCCAGGGCGCCCAGGCCAGG
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                    358 GGCCACCTCAGCCTCCCAAAGTGCTAGGATTATAGGCATGAGCCACTGTGCCCAGCCTAC
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Patent No. 6812339
GENERAL INFORMATION:
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Best Local Similarity 58.7%;
Matches 426; Conservative C
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; ORGANISM: Human
US-09-949-016-17050
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TYPE: DNA
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Patent NO. 6812339
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
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                                                                   Gaps
                                         Length 152582;
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                                         Score 217.6; DB 4;
Pred. No. 2.6e-41;
0; Mismatches 279;
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; OTHER INFORMATION: n = A,T,C or US-09-949-016-12086
                                         Query Match
Best Local Similarity 59.7%;
Matches 448; Conservative (
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PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17390
LENGTH: 152583
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| NAME/KEY: misc feature
| LOCATION: (1)...(152583)
| OTHER INFORMATION: n = A,T,C or G
| US-09-949-016-17390
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Search completed: June 2, 2005, 12:03:18 Job time: 404 secs

Sequence 3, Appli Sequence 3, Appli Sequence 33300, A Sequence 33300, A Sequence 33299, A Sequence 11999, A Sequence 12000, A Sequence 12000, A Sequence 187, App Sequence 986, App Sequence 986, App Sequence 987, App Sequence 987, App Sequence 116, App

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US-09-960-253-107
US-09-864-864-300
US-10-161-861-30
US-10-161-861-31
US-10-161-861-81
US-10-161-861-81
US-10-361-845A-33300
US-10-361-883A-33300
US-10-363-483A-11999
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Sequence 5, Application US/09909317

Publication No. US20040152075A1

GENERAL INFORMATION:

APPLICANT: Betty P. Tsao (Inventor)

APPLICANT: Betty P. Tsao (Inventor)

APPLICANT: Jerome I. Rotter (Inventor)

TITLE OF INVENTION: Genetic Marker Test for Lupus

FILE REFERENCE: 18810-82152

CURRENT APPLICATION NUMBER: 2001-07-18

CURRENT FILING DATE: 1999-03-29
                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-764-860-986

US-09-764-860-987

US-10-074-095-986

4 US-10-074-095-986

7 US-10-212-872-987

7 US-10-212-872-987

105-10-314-117-316

US-09-960-253-106

7 US-10-34-143-100

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100.0%; Score 2085;
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                               GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-240-453-1
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Searched:

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121   AAATATCTTTTTTTTTTTTTTGAGACAGGGCTACACCGAGGCTAGAGTCCAG	CACCTCAGCCTCCCAAAGTGCTAGGATTATAGGCATGAGCCACTGTGCCCAGCCTAGCCAACTCTGCCCAGCCTCTCTTGCTTTTTTTT	GAGTITTATICATCTGCTTATITICTTATCCTCTATACCAGAATTGAATATTTCAAAT GAGTTTTATTCATCTGCTTATTTTCTTATCCTCTATACCAGAATTGAATATTTTCAAAT AAAGCACCTCATGTTACAATCTTTGAAATGGAAAAAAAAGCACACTCATAGGATTAGAAAA AAAGCACCTCATGTTACAATCTTTGAAATGGAAAAAAAGCATAGGATTAGAAAAGAAAG		941 ÉTTTÁCACÁCÁCÁCÁCÁCÁCÁCÁCÁÁAÁATATCTGÁTÁGÁACÁGGTGCÁTCÁTTÁ 900 901 CCACAATTTCGAGTAGTGATGAGCTTAATAATATTTTCGAGTTATCACCAACAACTGTAA 960	1021 CTGGTATTTGTAGTAAATTCATAATAAAGGAAATGCTAGGTTTCAGTTGGTATTTTGTCC

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Pred. No. 4.3e-289;
0; Mismatches 459; Indels
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; OTHER INFORMATION: chemically treated genomic US-10-239-676-1
DE 10019058.8
DE 10019173.8
DE 100132529.7
DE 10043826.1
PRIOR FILING DATE: 2001-04-06
2000-04-06
2000-04-07
2000-06-30
                                                                                                                                                                                         Query Match 58.7%;
Best Local Similarity 77.2%;
Matches 1618; Conservative
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NUMBER OF SEQ ID NOS:
                                                                                                                                      ORGANISM: Artificial
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LENGTH: 10619
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Pred. No. 4.3e-289;
0; Mismatches 459; Indels 19; G
              FEATURE:

COTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

US-10-240-453-1
      ORGANISM: Artificial Sequence
                                                                                              Query Match 58.7%;
Best Local Similarity 77.2%;
Matches 1618; Conservative
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APPLICANT: OLEK, Alexander
APPLICANT: DLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
TITLE OF INVENTION: Transcription
TITLE OF INVENTION: Transcription
TITLE OF INVENTION: by Means of Assessing the Methylation Status of Genes Associated
TITLE OF INVENTION: by Means of Assessing the Methylation Status of Genes Associated
TITLE OF INVENTION: by Means of Assessing the Methylation Status of Genes Associated
TITLE OF INVENTION: by Means of Assessing the Methylation Status of Genes Associated
TITLE OF INVENTION: by Means of Assessing the Methylation Status of Genes Associated
CURRENT APPLICATION NUMBER: US/10/240,453
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 350
SEQ ID NO 1
LENGTH: 10619
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1614 AGAGCTACTAGCTCAGCCCCAAGCCCCGCCTCGGCCCCCAGGGCAGCGCCGCAGAGCTCC 1673
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                                                            ; Sequence 1, Application US/10240453; Publication No. US20030148326A1; GENERAL INFORMATION:
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3116 TTTAGGGATGATATATAGTTTAGAGAGGTATGATTATGTTTTTGATTTGGTTA
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Pred. No. 4.3e-289;
0; Mismatches 459; Indels 19; G
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                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEDENBROCK, Christian
APPLICANT: PIEDENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with
TITLE OF INVENTION: DNA repair
FILE REFRENCE: 5013.1008
CURRENT APPLICATION NUMBER: US/10/240,589C
CURRENT APPLICATION NUMBER: DCT/EP01/03972
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-09-01
SPRIOR FILING DATE: 2000-09-01
SPRIOR FILING DATE: 2000-09-01
                                                                                                                  Sequence 1, Application US/10240589C Publication No. US20040076956A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 77.2%;
Matches 1618; Conservative
                                                                                 RESULT 5
US-10-240-589C-1
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APPLICANT: OLEK, Alexander
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APPLICANT: PIEEBENBROCK, Christian
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APPLICANT: PIEEBENBROCK, Christian
APPLICANTION: Diagnosis of Diseases Associated with Gene Regulation
FILE REFRENCE: 5013.1003
CURRENT APPLICATION NUMBER: US/10/239,676
CURRENT FILING DATE: 2002-09-24
PRIOR APPLICATION NUMBER: PCT/EP01/03968
DE 10019058.8
DE 10019058.8
DE 10013252.7
DE 10043826.1
PRIOR FILING DATE: 2001-04-06
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US-10-239-676-2
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Pred. No. 4.4e-284;
0; Mismatches 463; Indels
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ORGANISM: Artificial Sequence
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61 TTCTCTAAGTAAAACTTTTATTTGTTCCATCATATTTTCCACTTATTCTGTTTACCTTCA 120	CCAG	181 IGGCACTATCATGCTCACCACACCTCAGGCTCAGGGCTCAGGTCATCCCACTTC 240 181 IGGCACTATCATGGCTCACCTCAACCTTCAGGGCTCAGGTCATCCTCCCACTTC 240 7326 IAACACTATCACACACACACCTCAACCTTCAAAACTCAAATAAT	TAGA 			TTGC TTAC	TIACTCAACATCCTTGTCTCTTAAGCCACTAGCTTCTTCTCTATGGTTAACACTTTTTAT TTACTCAACATCCTTAAACCACTAAATTCTTCTATAACAAC	AAAT	AAAG		584  PARCCAMILITARIANACIMINITARIANATATATATATATATATATATATATATATATATATATA		CTTTACACACACACACACACACACAAAATATCTGATAGCAACAGGTGCAG 	TCATTACCACAATTTCCAGTAGTGATGAGCTTAATAATATTTCCAGTTATCACCAACAACTCATACCACAATATTCCAATAATAAT	TGTAAACTAACATGAAAACGTCTGTGATGACTATTGCCCACAAAGTCACAGGTACTGCTA 101 	1015 ATACTCCTGGTATTTGTAGT-AAATTCATAATAAAGGAAATGCTAGGTTTCAGTTGGTAT 1073 	1074 TTTGTCCCGACGGTCTGTGGACGGCAGGTTAGAACGCCCGTCCAAGCCAGGAGGGGGGC 1133 

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; CTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-240-453-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 57.7%; Score 1203.2; DB 15; Lengt llarity 76.8%; Pred. No. 4.4e-284; Conservative 0; Mismatches 463; Indels
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                                                                                                                                                                         Score 1203.2; DB 17; Length 10619;
Pred. No. 4.4e-284;
0; Mismatches 463; Indels 19; G
                                                                                                               ; FEATURE:
; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-240-589C-2
 PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER 0F SEQ ID NOS: 148
SEQ ID NO 2
LENGTH: 10619
                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                         Query Match 57.7%;
Best Local Similarity 76.8%;
Matches 1600; Conservative
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                                                                      TGAAATCAAGACTTCCTGGGACAGAACAATCAAAGGGGTGGCGCCGGGTCCTCCAA
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Publication No. US20040076956A1

GENERAL INFORMATION:

APPLICANT: PIEPENBROCK, Christian
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt

TITLE OF INVENTION: Diagnosis of Diseases Associated with
TITLE OF INVENTION: DNA repair
FILE REFERENCE: 5013.1008
CURRENT APPLICATION NUMBER: US/10/240,589C
CURRENT PILING DATE: 2003-09-02
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR PELING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR PELING DATE: 2000-04-06
PRIOR PELING DATE: 2000-04-07
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                         CGAGTCGAGTACGCCAAGAGCGGGCGCCCTCTTGCAAGAAATGCAGCGAGAGATCCCC
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT APPLICATION NUMBER: US 60/218,006

FRIOR FILING DATE: 2000-07-20

FRIOR PELICATION NUMBER: US 60/183,483

FRIOR FILING DATE: 2000-03-29

FRIOR FILING DATE: 2000-03-29

FRIOR FILING DATE: 1200-03-29

FRIOR FILING DATE: 1999-11-23

FRIOR FILING DATE: 1999-09-28

FRIOR FILING DATE: 1999-08-09

SOFTWARE: FREE FREE SOFTWARE: US 60/146,002

FRIOR FILING DATE: 1999-08-09

SOFTWARE: FREE FREE SOFTWARE: US 60/146,002

FRIOR FILING DATE: 1999-08-09

SOFTWARE: FREE FREE SOFTWARE: 
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                                                                                                                                                                                                                                                                     ; Sequence 154183, Application US/10027632; Publication No. US20020198371A1; GENERAL INFORMATION:
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Matches 822; Conservative
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; ORGANISM: Human
US-10-027-632-154183
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                                                                                                                                                    APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 10827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/198,218
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1999-11-28
PRIOR PILING DATE: 1999-11-28
PRIOR PILING DATE: 1999-11-28
PRIOR PILING DATE: 1999-10-29
PRIOR PILING DATE: 1999-10-09
PRIOR PILING DATE: 1999-00-28
PRIOR PILING DATE: 1999-00-38
PRIOR PILING DATE: 1999-00-60-60
                                                               421 CAGCCCAAGCCCCGCCTCGGCCCCCAGGGCAGCCCCCCAGAGCTCCACCCGGCAGGCG
                                                                                                                              CCCGGGAAACTCCGCCCCCCGGCCGGCAGGGCGCGCGC---CCGCCGGCCCCGGCCCCGTG
                                                                                                                                                                                                                                            601 TGGCCGGTGCGCGTGTTCGGTGGCGGCTCTGGCCGCTCAGGCGCCTGCGGCTGGGTGAG
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Pred. No. 5e-161;
1; Mismatches 12; Indels 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 154183, Application US/10027632; Publication No. US20030204075A9; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 96.6%;
Matches 822; Conservative
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ORGANISM: Human
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1207 CTGCCCTCAGGGGAGAGACACACTTAAGAGTTTGGGGCCGGCGTGGTAGCTCATGCC 1266

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CTGCCCTCAGGGGGAGAGAGGACACTTAAGAGTTTGGGGCCGGCGTGGTGGTAGCTCATGCC
                                                                                                          CCTGATCCCAGCACTTCGGGAGGCTGAGGCCTGAAGATCACTTGTAGCAGGAGTTTGAGA
                                                                                                                                                                                                                         ccagrorasccaacurgecgagacccrgrcccraaaaaaarrrrrrrraarragccag
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| Patent No. US20020123619A1
| GENERAL INFORMATION:
| APPLICANT: Benson, Darin R. APPLICANT: Mohamath, Raodoh
| APPLICANT: Lodes, Michael J. TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER FRIEBENCE: 21012.556
| CURRENT APPLICATION NUMBER: US/09/960,253
| CURRENT FILING DATE: 2001-09-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CTCCGGATGGC 2049
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APPLICANT: Peter VEIBY
APPLICANT: Robert C. BAST, Jr.
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Rosemarie SCHMANDT
APPLICANT: Xaren LU
APPLICANT: Xunen ZHAN
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification, TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
                                     1902 TGGCGTCGGGCTTCCGGAGCTTTGGCGGCAGCTAGGGGAGGATGGCGGAGTCTTCGGATA 1961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1782 AATCTATCAGGGAACGGCGGTGGCCGGTGCGGCGTGTTCGGTGCGCTCTGGCCGCTCAGC 1841
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                                                                          119 TGGCGTCGGGCTTCCGGAGCTTTCGCCGCAGCTAGGGGAGGATGCCGGAGTCTTCGGATA
                                                                                                                                                                                                                 1 AATCTATCAGGGAACGGCGGTGGCCGGTGCGGCGTGTTCGGTCCGGCTCTGGCCCCTCAGG
                                                                                                                                                                            1962 AGCTCTATCGAGTCGAGTACGCCAAGAGCGGGCGCGCCTCTTGCAAGAAATGCAGCGAGA
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                                                                                                                                                                                                                                                                                                                      2022 GCATCCCCAAGGACTCGCTCCGGATGGCCATCATGGTGCAGGTGC 2066
                                                                                                                                                                                                                                                                                                                                                                                             283
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                                                                                                                                                                                                                                                                                                                                                                                             239 gcarccccaaggacrcccrcccarcarcarcargcacrccc
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CURRENT APPLICATION NUMBER: US/10/097,340

CURRENT PILING DATE: 2002-03-14

PRIOR APPLICATION NUMBER: 60/226,025

PRIOR FILING DATE: 2001-03-14

PRIOR PELICATION NUMBER: 60/226,026

PRIOR PELICATION NUMBER: 60/314,967

PRIOR PILING DATE: 2001/09/26

PRIOR PELICATION NUMBER: 60/311,732

PRIOR APPLICATION NUMBER: 60/325,102

PRIOR APPLICATION NUMBER: 60/325,102

PRIOR APPLICATION NUMBER: 60/325,102

PRIOR PILING DATE: 2001-09-26

PRIOR PILING DATE: 2001-09-19

PRIOR PILING DATE: 2001-09-26

PRIOR PILING DATE: 2001-09-19

PRIOR PILING DATE: 2001-09-19

PRIOR PILING DATE: 2001-09-19

PRIOR PILING DATE: 2001-09-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/10097340; Sequence 3, Application No. US20030087250A1
GENERAL INFORMATION:
APPLICANT: John WONAHAN
APPLICANT: Sebastian HOERSCH
APPLICANT: Subaniula GANNAVARAU
APPLICANT: Shubhangi KAMATKAR
APPLICANT: Steve G. KOVATS
APPLICANT: Rachel E. MEYERS
APPLICANT: Rachel E. MEYERS
APPLICANT: Peter OLANDT
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Gordon B. MILLS
Robert C. BAST, Jr.
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Best Local Similarity 97.2
Matches 277; Conservative
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ORGANISM: Homo sapiens
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APPLICANT:
APPLICANT:
APPLICANT:
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| Sequence 300 Application US/09864864
| Patent No. US20020102679A1
| Sequence 300 Application US/09864864
| Patent No. US20020102679A1
| GENERAL INFORMATION:
| APPLICANT: Micham, Jennifer L. APPLICANT: Harlocker, Susan L. APPLICANT: Berist, Heather APPLICANT: Secrist, Heather APPLICANT: Ling Serist, Heather APPLICANT: Algate, Paul A. APPLICANT: Algate, Paul A. APPLICANT: Algate, Paul A. APPLICANT: Benson, Darin R. APPLICANT: Benson, Darin R. APPLICANT: Carter, Darin R. APPLICANT: Safer NUMBER: 2001-05-23
| CURRENT APPLICATION NUMBER: US/09/864,864
| CURRENT PILING DATE: 2001-05-23
| NUMBER OF SEQ ID NOS: 341
| SOFTWARE: Corixa Invention Disclosure Database | SEQ ID NO 300
| LENGTH: 3859
| TYPE: DNA | TYPE: DNA | SECOND SE
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                                                                                                                                                                                                                                                                                     12.7%; Score 265.4; DB 9; Length 665; 97.2%; Pred. No. 1.5e-54; Live 0; Mismatches 6; Indels 2
                      SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 107 LENGTH: 665
                                                                                                                                                                                                                                                                                                                      Best Local Similarity 97.2
Matches 281; Conservative
                                                                                                                                   TYPE: DNA
GRGANISM: Homo sapiens
US-09-960-253-107
NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-864-864-300
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RESULT 15
US-10-163-587A-3
US-10-163-587A-3
Sequence 3, Application US/10163587A
Sequence 3, Application US/10163587A
Sequence 3, Application WS20030096263A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TILE OF INVENTION: SELECTIVE PARP-1 TARGETING FOR DESIGNING CHEMO/RADIO SENSITIZING
FILE REFERENCE: 50229-306
CURRENT FILING DATE: 2003-01-10
PRIOR PRIOR APPLICATION NUMBER: 60/296,110
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 40
SEQ ID NOS: 40
SEQ ID NO 3
LENGTH: 3859
1782 AATCTATCAGGGAACGGCGGTGGCCGGTGCGGCGTGTTCGGTGCGCTCTGGCCGCTCAGC 1841
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1962 AGCTCTATCGAGTCGAGTACGCCAAGAGCGGGGGGGCGCCTCTTGCAAGAAATGCAGCGAGA 2021
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                                                                               1962 AGCTCTATCGAGTCGAGTACGCCAAGAGCGGGCGCCCTCTTGCAAGAAATGCAGCGAGA 2021
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                                                                                                        179 AGCTCTATCGAGTCGAGTACGCCAAGAGCGGCGCCCTCTTGCAAGAAATGCAGCGAGA 238
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                                                                                                                                                          2022 GCATCCCCAAGGACTCGCTCCGGATGGCCATCATGGTGCAGGTGC 2066
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; NAME/KEY: CDS
; LOCATION: (160)..(3204)
; OTHER INFORMATION:
US-10-163-587A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
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810, App 12168, A 14678, A 17370, A 15527, A 15453, A 14948, A

Sequence 1 Sequence 1 Sequence 1 Sequence 1

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15841, 199479, 13845,

Appl

Sequence

Title: Perfect score:

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Run on:

Scoring table:

Word size :

Searched:

Database :

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MARK
METHOD OR DETECTING A PREDISPOSITION TO
CANCER BY THE USED OF RESTRICTION FRAGMENT LENGTH
POLYMORPHISM OF THE GENE FOR THE HUMAN POLY (ADP-RIBOSE)
POLYMERASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     165 GGAGTCTTCGGATAAGCTCTATCGAGTCGAGTACGCCAAGAGCGGGGCGCGCCTCTTGCAA
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Pred. No. 6e-59;
0; Mismatches 0; Indels
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US-09-949-016-161293

US-09-949-016-19

US-09-949-016-19

US-09-949-016-1261

US-09-949-016-12246

US-09-949-016-12246

US-09-949-016-13845

US-09-949-016-13845

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US-09-949-016-199479

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US-09-949-016-17370

US-09-949-016-17370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/09517467B
; Sequence 3, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
APPLICANT: Lan Popoff
APPLICANT: Lex M. COWEET
TITLE OF INVENTION: ANTISENSE MODULATION OF PAR;
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
; PRIOR PILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NOS: 345
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Pred. No. 6e-
ive 0; Mismatches
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Patent No. 5449605
GENERAL INFORMATION:
APPLICANT: SMULSON, MARK
TITLE OF INVENTION: CANCER BY THE
TITLE OF INVENTION: CANCER BY THE
TITLE OF INVENTION: POLYMORPHISM CANCER IN THE OF INVENTION: POLYMORPHISM CANCER INVENTION: POLYMORPHISM CANCE
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Best Local Similarity 100.
Matches 175; Conservative
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US-09-517-467B-3
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ORGANISM: Homo sapiens
        NAME/KEY: CDS
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US-08-044-618-5
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Sequence 7, Appli
Sequence 14854, A
Sequence 178057,
Sequence 178058,
Sequence 13423, A
Sequence 1647, A
Sequence 16098, A
Sequence 16098, A
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                                                                                                                                                                                      6, 2005, 12:27:30 ; Search time 360 Seconds (without alignments) 9476.769 Million cell updates/sec
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(cgn2_6/ptodata/1/ina/5A_COMB.seq:*
(cgn2_6/ptodata/1/ina/5B_COMB.seq:*
(cgn2_6/ptodata/1/ina/6A_COMB.seq:*
(cgn2_6/ptodata/1/ina/6B_COMB.seq:*
(cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
(cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
                              5.1.6
Compugen Ltd.
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US-09-949-016-178057
US-09-949-016-178058
US-09-949-016-13423
US-09-949-016-1847
US-09-949-016-1847
US-09-949-016-18078
US-09-513-999C-16110
US-09-513-999C-16110
US-09-949-016-1890
US-09-949-016-1890
US-09-949-016-1890
US-09-949-016-18554
US-09-949-016-18608
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US-09-949-016-144922
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US-09-596-248D-46
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                              GenCore version (c) 1993 - 2005
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Maximum DB seq length: 200000000
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Pred. No. 3.1e-19;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Burkle, Alexander
APPLICANT: Zur Hausen, Harald
APPLICANT: Zur Hausen, Harald
APPLICANT: Jan-Heiner, Kupper
TITLE OF INVENTION: VECTORS AND VIRUSES FOR USE
TITLE OF INVENTION: IN GENE THERAPY
NUMBER OF SEQUENCES: 2
ADDRESSEE: Pennie & Edmonds, LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: Windows
SOFTWARE: FREEERQ for Windows Version 2.0b
CURRENT APPLICATION DATA:
PELICATION NUMBER: US/08/860,886
FILING DATE: 03-0CT-1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Pennie & Edmonds, LLP
STREET: 1155 Avenue of the Americas
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-860-886-1
; Sequence 1, Application US/08860886
; Patent No. 6335009
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: COTUZZI, LBUTE A
REGISTRATION NUMBER: 30,742
REFERENCE/POCKET UNMBER: 8484
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-493-4936
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3.5%;
98.9%;
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) LOCATION: 96...3134

CTHER INFORMATION:

US-08-860-886-1
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ZIP: 10036-2811
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3792 base pairs
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 3792 base pair
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Best Local Similarity 98.5
Matches 173; Conservative
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STRANDEDNESS: single
TOPOLOGY: linear
  ORGANISM: Homo sapiens
                                              ; NAME/KEY: CDS
; LOCATION: (1)..(3045)
; OTHER INFORMATION:
US-09-596-248D-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1948 GGAGTCTTCGGATAAGCTCTATCGAGTCGAGTACGCCAAGAGCGGGCGCCCCTCTTGCAA 2007
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Sequence 24, Application US/09596248D

Patent No. 6599727

GENERAL INFORMATION:

APPLICANT: Christenson, Erik

APPLICANT: Goldman, Phyllis S

APPLICANT: McEligott, David L

TITLE OF INVENTION: Human Poly (ADP-Ribose) Polymerase 2 Materials and

TITLE OF INVENTION: Methods

FILE REPRENCE: 27866/36544

CURRENT APPLICATION NUMBER: US/09/596,248D

CURRENT APPLICATION NUMBER: 60/139,543

PRIOR FILING DATE: 1999-06-16

NUMBER OF SEQ ID NOS: 68

SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2008 GAAATGCAGCGAGAGCATCCCCAAGGACTCGCTCCGGATGGCCATCATGGTGCAG 2062
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100.0%; Pred. No. 6e-59;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/044,618
FILING DATE: 19930406
CLASSIFICATION: 435
FILING DATE: 19930406
CLASSIFICATION DATA:

APPLICATION DATA:

APPLICATION NUMBER: 05/07/257,696
FILING DATE: 1980
ATTORNEY/AGENT INFORMATION:

NAME: FOX, SANUEL L

REGISTRATION NUMBER: 0654.0490001
TELEPHONE: (202) 466-0800
TELEPHONE: AND ABSE DATE
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTER.STICS:
LENGTH: 3747 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: Deth
                                              ADDRESSEE: Sterne, Kessler, Goldstein & Fox STREET: 1225 Connecticut Suite 300 CITY: Washington
                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0
Matches 175; Conservative
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, K
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                                                                                   STATE: D.C.
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LENGTH: 3045
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Gaps

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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                   1943 ATGGCGGAGTCTTCGGATAAGCTCTATCGAGTCGAGTACGCCAAGAGCGGGGCGCGCCTCT 2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 109 ATGGCGGAGTCTTCGGATAAGCTCTATCGAGTCGAGTACGCCAAGAGGGGCGCGCCTCT 168
                                                41 GTGTTTCTAGGTCGTGGCGTCGGGCTTCCGGAGCTTTGGCGGCAGCTAGGGGAAGGATGGC 100
                                                                                                                                                   2008 GAAATGCAGCGAGAGCATCCCCAAGGACTCGCTCCGGATGGCCATCATGGTGCAG 2062
                                                                                                                                                                                                                                      161 GAPATGCAGCGAGAGCATCCCCAAGGACTCGCTCCGGATGGCCATCATGGTGCAG 215
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Demaggio, Anchory J
APPLICANT: Demaggio, Anchory J
APPLICANT: Goldman, Phyllis S
APPLICANT: Goldman, Phyllis S
APPLICANT: McBligott, David L
TITLE OF INVENTION: Human Poly (ADP-Ribose) Polymerase 2 Materials and
TITLE OF INVENTION: Methods
FILE REFERENCE: 27866/36544
CURRENT FILING DATE: 1200-06-16
PRIOR APPLICATION NUMBER: 60/139,543
PRIOR APPLICATION NUMBER: 60/139,543
WUMBER OF SEQ ID NOS: 68
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence:hPARP1/hPARP2; OTHER INFORMATION: Pusion
US-09-596-248D-46
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100.0%; Pred. No. 1.9e-18;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PATENT NO. 5449605
| GENERAL INFORMATION:
| APPLICANT: SMULSON, MARK
| TITLE OF INVENTION: METHOD OR DETECTING A PREDISP
| TITLE OF INVENTION: OLIVMORPHISM OF THE GENE FOR
| TITLE OF INVENTION: POLYMORPHISM OF THE GENE FOR
| TITLE OF INVENTION: POLYMORPHISM OF THE GENE FOR
| TITLE OF INVENTION: POLYMORPHISM OF THE GENE FOR
| TITLE OF INVENTION: POLYMORPHISM OF THE GENE FOR
| TITLE OF INVENTION: POLYMORPASE
| NUMBER OF SEQUENCES: 7
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Sterne, Kessler, Goldstein & Fox
| STREET: 1225 Connecticut Suite 300
| CITY: Washington | STATE: D.C. | ZIP: 20036
| STATE: D.C. | ZIP: COMPUTER READABLE FORM:
| MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                 RESULT 5
US-09-596-248D-46
; Sequence 46, Application US/09596248D
; Patent No. 6599727
; GENERAL INPORMATION:
; APPLICANT: Christenson, Erik
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LEWOTH: 3200
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 71; Conservative
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US-09-949-016-14854/C

Sequence 14854, Application US/09949016

Bather No. 6812339

HINTORMATION:
APPLICANT: VENTER, J Craig et al.
HILLE OF INVENTION:
FILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR PLING DATE: 2000-00-01-020
PRIOR PLING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1998 CCTCTTGCAAGAAATGCAGCGAGAGCATCCCCAAGGACTCGCTCCGGATGGCCATCATGG 2057
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/044,618
FILING DATE: 1930406
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/257,696
FILING DATE: 14-OCT-1988
ATTORNEY/AGENT INFORMATION:
NAME: FOX, SAMUEL L
REGISTRATION NUMBER: 0654.0490001
TELEPHONE: (202)466-0800
TELEPHONE: (202)466-0800
TELEPHONE: (202)466-0800
TELEPHONE: (202)466-0800
TELEPHONE: (202)466-0800
TELEPHONE: (202)483-8716
SEQUENCE CHARACTERISTICS:
LENGTH: 5345 both
STRANDEDNESS: both
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Matches 50; Conservative
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Best Local Similarity
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LENGTH: 8848
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; ORGANISM: Human
US-09-949-016-13423
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US-09-949-016-16847
                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 13423
LENGTH: 69909
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APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 17856

LENGTH: 601
                                                                                       FERNERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: UNMER: US/09/949,016
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-04-02
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 178057
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 601;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.2%; Score 46; DB 4; Length 601; 100.0%; Pred. No. 1.3e-08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
2.2%; Score 46; DB 4; Le
Best Local Similarity 100.0%; Pred. No. 1.3e-08;
Matches 46; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 2.2%; Score 46; DB Best Local Similarity 100.0%; Pred. No. 1.3 Matches 46; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-949-016-178058
; Sequence 178058, Application US/09949016
; Patent No. 6812339
                                           Sequence 178057, Application US/09949016 Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 10
US-09-949-016-13423/c
S. Sequence 13423, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 306 GGTTTTGCCATG
RESULT 8
US-09-949-016-178057
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Human
US-09-949-016-178058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , ORGANISM: Human
US-09-949-016-178057
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Sequence 16847, Application US/09949016

patent No. 6812339

GENERAL INPORMATION:
THE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: UNUBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NOS: 207012

SEQ ID NO 16847
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
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Best Local Similarity 100.0%; Pred. No. 7e-09;
Matches 46; Conservative 0; Mismatches 0; Indels
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2.2%; Score 46; DB 4; L
Best Local Similarity 100.0%; Pred. No. 7.3e-09;
Matches 46; Conservative 0; Mismatches 0;
                                                    CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT PILING DATE: 2000-04-14
FRICH APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASELSEQ FOR WINDOWS Version 4.0
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2.09-949-016-15078/c
; Sequence 15078, Application US/09949016
; Patent No. 6812339
   TITLE OF INVENTION: POLYMORP: TITLE OF INVENTION: WITH HU
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; SEQ ID NO 16110
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APPLICANT: Duclert, A.

APPLICANT: Duclert, A.

TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

Patent No. 6783961; Place ReFERENCE: 59.US2.REG

CURRENT APPLICATION NUMBER: US/09/513,999C

CURRENT FILING DATE: 2000-02-24

PRIOR PILING DATE: 1999-02-26

NUMBER OF SEQ ID NOS: 36681

SEQ ID NO 16098

LENGTH: 73
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Sequence 16110, Application US/09513999C

Patent No. 6783961

APPLICANT: Dumas Milne Edwards, J.B.

TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

PATENT PAPLICANTION NUMBER: US/09/513,999C

CURRENT APPLICATION NUMBER: US 60/122,487

PRIOR APPLICATION NUMBER: US 60/122,487

PRIOR FILING DATE: 1999-02-26

NUMBER OF SEQ ID NOS: 36681

SOFTWARE: PALENT. PM
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6.9e-09;
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Best Local Similarity 100.0%; Pred. No. 3.9e-08;
Matches 45; Conservative 0; Mismatches 0;
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CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-00-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PRESERE OF WINDOWS Version 4.0
SEQ ID NO 15078
LENGTH: 114426
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US-09-513-999C-16098
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ORGANISM: Human
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; Sequence 29990, Application US/09513999C
; Batent No. 6783961
; APPLICANT: Ducias Milne Edwards, J.B.
; APPLICANT: Ducias Milne Edwards, J.B.
; APPLICANT: Glordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT FILING DATE: 1000-02-24
; PRIOR PILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 29990
; LENGTH: 123
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US-09-513-999C-29990
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Best Local Similarity 100.
Matches 45; Conservative
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LOCATION: 16
OTHER INFORMATION: s=g or
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TYPE: DNA
CORGANISM: Homo sapiens
US-09-513-999C-16110
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NAME/KEY: misc_feature
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ORGANISM: Homo sapiens
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NAME/KEY: misc_feature
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Job time : 364 secs
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US-09-513-999C-29990
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Sequence 3, Appli Sequence 100, Appli Sequence 100, App Sequence 6526, Ap Sequence 43, Appl Sequence 144, Appl

Sequence 124,

Sequence 24, Appl Sequence 136, Appl Sequence 46, Appl Sequence 177, Appl Sequence 370, Appl Sequence 201, Appl Sequence 1125, Appl Sequence 1125, Appl Sequence 1125, Appl Sequence 121754, Sequence 121754, Sequence 121754, Sequence 121754, Sequence 121755, Sequence 121755, Sequence 121754, Sequence 121754, Sequence 121754, Sequence 121755, Sequence 11755, Sequence 11755, Sequence 11755, Sequence 11755, Sequence 11755, Sequence 11756, Sequence 11756, Sequence 11756, Sequence 11756, Sequence 11756, Sequence 11756, Sequence 11756,

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Perfect score: Sequence: Scoring table:

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Sequence 5, Application US/09909317

Sequence 5, Application US/09909317

Publication No. US20040152075A1

GENERAL IMPORMATION:
APPLICANT: Betty P. Tsao (Inventor)
APPLICANT: Atta M. Cantor (Inventor)
APPLICANT: AFALA W. Cantor (Inventor)
APPLICANT: Jarone I. Rotter (Inventor)
TITLE OF INVENTION: Genetic Marker Test for Lupus
FILER REFERENCE: 18810-82152
CURRENT APPLICATION NUMBER: US/09/909,317
CURRENT APPLICATION NUMBER: 09/280,181
PRIOR APPLICATION NUMBER: 09/280,181

PRIOR APPLICATION UNMBER: 1999-03-29

NUMBER OF SEQ ID NOS: 7

SOFTWARE: FRASESQ for Windows Version 4.0
             Query Match
100.0%; Score 2085;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 2085; Conservative 0; Mismatches
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US-09-909-317-5
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LENGTH: 2085
 TYPE: DNA
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Sequence 154183,
Sequence 327, App
Sequence 2326, Ap
Sequence 5037, Ap
Sequence 117, App
Sequence 117, App
Sequence 107, App
Sequence 106, App
Sequence 106, App
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10328.264 Million cell updates/sec
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                                                                                              June 6, 2005, 12:27:31; Search time 1241 Seconds
              GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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3 US-10-027-632-154183
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8 US-10-283-975A-327
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0 US-09-918-995-5037
US-09-960-253-117
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Gapop_60.0 , Gapext 60.0
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seq length: 200000000
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Match Length
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Db 1201 ACCCAGCTGCCTCAGGGGAGAGAGACACTTAAGAGTTTGGGGCCGGCGTGGTAGCT 1260	Oy 1261 CATGCCCCTGATCCCAGCACTTCGGGAGGCTGAGGCGTGAAGATCACTTGTAGCAGGAGT 1320	OY 1321 TTGAGACCAGTCTAGCCAACTTGGCGAGACCCTGTCCCTAAAAAATTTTTTTT	OY 1381 AGCCAGTTGTGGAGGCCTGTAGTCCCAGCTACTCGGGAGGCTGAGGAGGATCG 1440  Db 1381 AGCCAGTTGTGGTGAGCGCCTGTAGTCCCAGCTACTCGGGAGGCTGAGGTGGGAGGATCG 1440	1441 CTGGGCTCAGGAGTTCCAGACTGCAGTGAGCCATGATGGCGGGCACTGCACTCCAGCGGGGGGGG	OY 1501 TGAGACTCAGTCTCAAAATAAAAGGGGGGGGGGTTGGGGGTAAATTAGTTGTGTAAATC 1560	1561 AAGTAAGACTTCCTGGGACAGAACAATCAAAGGGGTGGCGCCGGGTCCTCCAAAGAGCTA	AGCTCCACCGGC 	Qy         1681 AGGGGCCGGGAAACTCCGCCCCGGCCGGCGGGGGCGCCCGCC	TCAGGGAACGGCG             TCAGGGAACGGCG	rgagcg 		1921 CTTTGGCGCAGCTAGGGAAGATGCCGAAGTCTTCGGATAAGCTCTATCGAGTCGAGTTCGAGTTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTCGAGTAGGCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG	1981	Db 2041 CCGGATGGCCATCATGTGCGCGCCGCTGTGCGCGGCGCG	RESULT 2 US-10-027-632-154183 i Sequence 154183 i Sequence 154183 i Diplication US/10027632 i Publication No HS2002019877121	; GENERAL INFORMATION: ; APPLICANT: Wang, David G. ; TITLE OF INVENTION: Infontification and Mapping of Single Nucleotide	
121 AAATATCTTTTTTTTTTTGAGACAGGGTCACACTGTCACGGGGTAGAGTCCAG 180 	1 TGGCACTATCATGCTCACCAGCCTCAACCTTCAGGCTCAGGTGATCCTCCCACTTC	ACCITCCCAGTRATAGATACACACACACACACACACACACACACACACACAC	GACAAGGTTTTCCCATGTTGTCCAGGCTGGTCTTGAACTCCTGGGCTTCAAGGATTCCGGCGACAAGGTTTTGCCATGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGT	CACCTCAGCCTCCCAAAGTGCTAGGATTATAGGCATGAGCCACTGTGCCCAGCCTACCTT		TTACTCAACATCCTTGTCTCTTAAGCCACTAGCTTCTTCTTATGGTTAACACTTTTTAT	541 GAGITITATICAICIGCITATITICITAICCICIATACCAGAATIGAATATICAAAT 600 	AAAGCACTCATGTTACAATCTTTGAAATGGAAAAAAAAATGGCATAGGATTAGAAAAG 	AAACCAATTTTAATAAACTATATTTGAAGTATAGTTCTATATTAAACAACAACTAG 	GCCAGGTGCAGTGGTTGTAATCCCAGCAATTTGGGAAGTCGAGGTGGAGGGATTTTTGGGAAGTCGAGGTGGAAGAGTGGAGGTGGAGAGAGA	TGCTTGAGGCCAGGGGTTCAAGACCAGCCTGGGCAACATGGAGAATTCCCCATCTCTTTTTTGAGGCCAGGGGTTCAAGACCAGCCTGGGCAACATGAGAGACATGCCCATCTTTTTTAAGCAAGAGGTTCAAGACCAGCCTGGGCAACATGAAGACAATCCCCATCTTTTTAA		901 CCACAATTTCGAGTAGTGATGAGCTTAATAATATTTCGAGTTATCACCAACAACTGTAAA 960 	961 CTAACATGAAAACGTCTGTGATGACTATTGCCCACAAAGTCACAGGTACTGCTAATACTC 1020 	1021 CTGGTATTTGTAGTAAATTCATAATAAGGAAATGCTAGGTTTCAGTTGGTATTTTGTC 1080 	1081 CGACGGTCTGTGGACGCAGGTTAGAACGCCCGTCCAAGCCAGGAGGGTGGACCTAGCAC 1140	1141 TGCAGGGTCCACCTCGGGCCAATCAACTATATTCCCGAGGGCGCGGGGCCTTCCCGG 1200

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241 TCAGGAGTTCCAGACTGCAGTGAGCCATGATGGCGGCACTGCACTCCAGCGCGCGGTGAGAC
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PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-01-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/166,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: PASSES FOR WINDOWS VERSION 4.0
SEQ ID NO 154183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 99.8
Matches 456; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Human
US-10-027-632-154183
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US-10-283-975A-327
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Publication No. US20030204075A9

GENERAL INFORMATION:
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR FILING DATE: 2000-07-12

PRIOR FILING DATE: 2000-07-12

PRIOR FILING DATE: 2000-07-2

PRIOR FILING DATE: 2000-07-3

PRIOR FILING DATE: 2000-07-12

PRIOR PLILING DATE: 2000-07-13
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PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1090-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-09
PRIOR PILING DATE: 1999-09-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: PASSEE OF WINDOWS VERSION 4.0
SOFTWARE: PASSEE OF WINDOWS VERSION 4.0
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Best Local Similarity 99.8
Matches 456; Conservative
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US-10-027-632-154183
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               Sequence 5037, Application US/09918995
; Publication No. US20030073623A1
; GENERAL INFORMATION:
; APPLICANT: Hyeeq. Inc.
; TITLE OF INVENTION: NOVEL NUCLEIC ACID SEQUENCES OBTAINED
; TITLE OF INVENTION: FROM VARIOUS CDNA LIBRARIES
; FILE REFERENCE: 20411-756
; CURRENT APPLICATION NUMBER: US/09/918,995
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: US/09/235,076
; PRIOR FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 38054
; SOFFWARE: FREUSE for Windows Version 3.0
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Patent No. US20020123619A1

GENERAL INPORMATION:
APPLICANT: Benson, Darin R.
APPLICANT: Mohamath, Raodoh
APPLICANT: Lodes, Michael J.
ITILE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
ITILE OF INVENTION: COMPOSITIONS OF LUNG CANCER
FILE REFERENCE: 210121.556
CURRENT APPLICATION NUMBER: US/09/960,253
CURRENT FILMS DATE: 2001-09-20
NUMBER OF SEQ ID NOS: 187

SOFTWARE: FastSEQ for Windows Version 4.0
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8.4%; Score 175; DB 10;
Best Local Similarity 100.0%; Pred. No. 1.1e-74;
Matches 175; Conservative 0; Mismatches 0;
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LENGTH: 394
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APPLICANT: Aziz, Natasha
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
APPLICANT: Ginsburg, Wendy M.
TITLE OF LOTHK, Albert
TITLE OF INVENTION: Methods of Diagnosis of Soft Tissue Sarcoma, Compositions of TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
TITLE OF INVENTION: Methods for Screening for Soft Tissue Sarcoma Modulators
TITLE OF INVENTION: 2033-11-26
PRIOR APPLICATION NUMBER: 60/429,739
PRIOR PILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 8393
SOFTWARE: Patentin version 3.2
SEQ ID NO 2326
LENGTH: 370
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8.4%; Score 175; DB 18;
Best Local Similarity 100.0%; Pred. No. 1.1e-74;
Matches 175; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
8.4%; Score 175; DB 18;
Best Local Similarity 100.0%; Pred. No. 1.1e-74;
Matches 175; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2326, Application US/10723860 Publication No. US20040253606A1 GENERAL INFORMATION:
                                                                                                                                     FEATURE:
NAME/KEY: misc feature
LOCATION: (1). 7(335)
OTHER INFORMATION: N=any base
FEATURE:
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                        NAME/KEY: misc feature
LOCATION: (1). (335)
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Homo sapiens
US-10-723-860-2326
                                                                                                             ORGANISM: HUMAN
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US-10-723-860-2326
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                           SEQ ID NO 327
LENGTH: 335
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8.4%; Score 175;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-960-253-106
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TYPE: DNA
ORGANISM: Homo sapiens
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Fatent No. US20020123619A1
GENERAL INFORMATION:
APPLICANT: Bonson, Darin R.
APPLICANT: Mohamath, Raodoh
APPLICANT: Lodes, Michael J.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.556
CURRENT PAPLICATION NUMBER: US/09/960,253
CURRENT FILING DATE: 2001-09-20
NUMBER OF SEQ ID NOS: 187
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 107
LENGTH: 665
                                                                                                                                     APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Wohamath, Raddher
APPLICANT: Indirias, Carol Y.
APPLICANT: Indirias, Carol Y.
APPLICANT: Fan, Liqun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
FILE REFERENCE: 210121.512
CURRENT APPLICATION NUMBER: US/09/833,790
CURRENT FILING DATE: 2001-04-11
NUMBER OF SEQ ID NOS: 440
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                   Sequence 349, Application US/09833790
Patent No. US20020068288A1
GENERAL INFORMATION:
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US-09-960-253-107
                                               US-09-833-790-349
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US-09-960-253-107
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LENGTH: 521
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169 GGAGTCTTCGGATAAGCTCTATCGAGTCGAGTACGCCAAGAGCGGGCGCGCCTCTTGCAA 228
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                                                            2008 GAAATGCAGCGAGAGCATCCCCAAGGACTCGCTCCGGATGGCCATCATGGTGCAG 2062
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                                                                                                                                                                                                                                                     Sequence 106, Application US/09960253
; Batent No. US20020123619A1
; GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Benson, Darin R.
APPLICANT: Lodes, Michael J.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: COMPOSITIONS AND LAGNOCER
FILE REFERENCE: 210121.556
; CURRENT FILING DATE: 2001-09-20
NUMBER OF SEQ ID NOS: 187
; SEQ ID NO 106
; SEQ ID NO 106
; LENGTH: 722
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OTHER INFORMATION: Incyte ID No. US20030119009A1 034181CB1
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APPLICANT: Sharon E. Plon
APPLICANT: Jason M. Shoher
ITLIE OF INVENTION: GENES REGULATED BY MYCN ACTIVATION
FILE REPERENCE: PA-0046 US
CURRENT PILING DATE: 2002-02-25
PRIOR APPLICATION NUMBER: 06/270,784
PRIOR PILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 365
SOFTWARE: PERL PROGram
SEQ ID NO 316
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SEQ ID NO 3
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                                                                                                                                                                                    116 GTGTTTCTAGGTCGTGGCGTCGGGCTTCCGGAGCTTTGCGGGCGAGCTAGGGGAGGATGGC 175
                                                                                                                                                                                                                                                                                                                                       176 GGAGTCTTCGGATAAGCTCTATCGAGTCGAGTACGCCAAGAGCGGGCGCCCTCTTGCAA 235
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Sequence 300, Application US/09864864

Patent No. US20020102679A1

GENERAL INFORMATION:

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Mitcham, Jennifer L.

APPLICANT: Barlocker, Susan L.

APPLICANT: Dodes, Michael J.

APPLICANT: Algate, Paul A.

APPLICANT: Algate, Paul A.

APPLICANT: Benson, Jane

APPLICANT: Benson, Darin R.

APPLICANT: Benson, Darin R.

APPLICANT: Benson, Darin R.

APPLICANT: Benson, Darin R.

APPLICANT: Carter, Darrick

TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER

TITLE OF INVENTION AND OVARIAN CANCER

TITLE OF INVENTION AND OVARIAN CANCER

TITLE OF INVENTION AND OV
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100.0%; Pred. No. 9.9e-75;
ive 0; Mismatches 0; Indels
                                      Indels
100.0%; Pred. No. 9.9e-75;
tive 0; Mismatches 0;
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Sequence 3, Application US/10097340
Publication No. US20030087250A1
GENERAL INFORMATION:
APPLICANT: John MONAHAN
APPLICANT: Sebastian HORESCH
APPLICANT: Shubhangi KAMATKAR
APPLICANT: Steve G. KOVATS
APPLICANT: Steve G. KOVATS
APPLICANT: Rachel E. MEYERS
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Matches 175, Conservative
                                      Matches 175; Conservative
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ORGANISM: Homo sapiens
    Best Local Similarity
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Sequence 3, Application US/10163587A

Fortuge 3, Application US/20030096263A1

Fublication No. US20030096263A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Oliveira, Marcos
TITLE OF INVENTION: SELECTIVE PARP-1 TARGETING FOR DESIGNING CHEMO/RADIO SENSITIZING
FILE REFERENCE: 50229-306
CURRENT APPLICATION NUMBER: US/10/163,587A

CURRENT APPLICATION NUMBER: 60/296,110
PRIOR FILING DATE: 2001-06-07

NUMBER OF SEQ ID NOS: 40

SOFTWARE: Patentin version 3.1

SEQ ID NO 3

LENGTH: 3859
                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
FILE REFERENCE: MRI-030
CURRENT APPLICATION NUMBER: US/10/097,340
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/225,149
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-03-14
PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 60/311,732
PRIOR PRIOR APPLICATION NUMBER: 60/311,732
PRIOR PRIOR APPLICATION NUMBER: 60/311,732
PRIOR FILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 363
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100.0%; Pred. No. 9.9e-75;
tive 0; Mismatches 0;
                                                                            Peter VEIBY
Gordon B. MILLS
Robert C. BAST, Jr.
Karen LU
                                                                                                                                                                                                            Rosemarie SCHMANDT
Xumei ZHAO
Karen GLATT
Michael MORRISEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.
Matches 175; Conservative
                            Peter OLANDT
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ORGANISM: Homo sapiens
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US-10-163-587A-3
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Fublication No. US20040009549A1
Fublication No. US20040009549A1
GENERAL INPORMATION:
APPLICANT: GRIGORIEV, IGOR VYACHESLAVOVICH
APPLICANT: GUDARSANAM, SUCHA
TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL
TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL
TITLE OF INVENTION: MINASES IDENTIFIED WITH THE METHOD
FILE OF INVENTION: MUNBER: US/10/334,143
CURRENT APPLICATION NUMBER: US/10/334,143
FRIOR APPLICATION NUMBER: 60/343,169
PRIOR FILING DATE: 2001-12-31
NUMBER OF SEQ ID NOS: 207
SEQ ID NO 100
SEQ ID NO 100
LENGTH: 3861
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8.4%; Score 175; DB 14; Length 3859;
Best Local Similarity 100.0%; Pred. No. 9.9e-75;
Matches 175; Conservative 0; Mismatches 0; Indels 0
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Best Local Similarity 100.0%; Pred. No. 9.9e-75;
Matches 175; Conservative 0; Mismatches 0;
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Job time: 1247 secs
; NAME/KEY: CDS
; LOCATION: (160)..(3204)
; OTHER INFORMATION:
US-10-163-587A-3
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CORGANISM: Homo sapiens
US-10-334-143-100
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US-10-334-143-100
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60-SU 60-SU 60-SU	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016 US-09-949-016	US-09-949-016	US-09-949-016 US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-01	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016-64194	US-09-949-016-14393	US-09-949-016-14397	US-09-949-016 US-09-949-016	US-09-949-016-17343	US-09-949-016-17343	US-09-949-016-17348	US-09-949-016-17348	US-09-949-016-1/352 US-09-949-016-17352	US-09-949-016-17353	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	118-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-016	US-09-949-010	TIS-09-497-85
62.0 109251 4 62.0 112114 4 62.0 119032 4 62.0 119032 4	62.0 137046	2.0 142783	62.0 157866	62.0 157866 62.0 166698	62.0 169334	62.0 211049	62.0 301828	62.0 321022	62.0 390416	62.0 670689	62.0 670690	61.6 601	61.6 601	61.6 601	61.6 601	61.6 601	61.6	61.6 601	61.6 601	61.6 601	61.6	61.6 601	61.6 601	61.6 601	61.6 601	61.6 601	61.6 601	61.6 601	61.6 601	61.6 601	61.6 601	61.6 601	61.6 14207	61.6 51698	61.6 52661	61.6 64593	61.6 64593	61.6 64593	61.6 75929	61.6 75929	61.6 99498	61.6 1128/4	61.6 134241	61.6 134242	61.6 134242	61.6 145241	61.6 145241	61.6 146428	61,6 146438	61.6 193303	61.6 193303
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	equence 12928, equence 12654, equence 12201, equence 13365, equence 3, Appl equence 1349, equence 11419, equence 1, Appl
US-09-513-999C-24415 US-08-599-252-108 US-09-999-016-253-108 US-09-999-016-23322 US-09-999-016-23322 US-09-999-016-23322 US-09-999-016-55725 US-09-999-016-55728 US-09-999-016-55728 US-09-999-016-55728 US-09-999-016-55728 US-09-999-016-55728 US-09-999-016-55728 US-09-999-016-55728 US-09-999-016-55728 US-09-999-016-124467 US-09-999-016-12579 US-09-999-016-12579 US-09-999-016-12579 US-09-999-016-12578 US-09-999-016-12578 US-09-999-016-12578 US-09-999-016-12578 US-09-999-016-12578 US-09-999-016-12578 US-09-999-016-12558 US-09-999-016-12558 US-09-999-016-12558 US-09-999-016-12558 US-09-999-016-12559 US-09-999-016-12559 US-09-999-016-12592 US-09-999-016-12592 US-09-999-016-12592 US-09-999-016-12592 US-09-999-016-12592 US-09-999-016-12592 US-09-999-016-12598	US-09-949-016-1292 US-09-949-016-1256 US-09-949-016-1270 US-09-949-016-1336 US-09-949-016-1336 US-09-949-016-134 US-09-949-016-134 US-09-949-016-134 US-09-949-016-134 US-09-949-016-134
30.8 30.8 30.8 30.8 30.8 30.8 30.8 30.8 60.4 30.8 60.4 30.8 60.4 4487 30.8 60.4 4487 30.8 60.4 4487 30.8 60.4 4487 30.8 60.4 4487 30.8 60.4 4487 30.8 60.4 4487 30.8 60.4 4487 30.8 60.4 4487 30.8 60.4 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 30.8 60.1 4487 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601 4601	0.8 60.4 194537 0.8 60.4 194889 0.8 60.4 221329 0.8 60.4 227391 0.8 60.4 227391 0.8 60.4 254366 0.8 60.4 323820 0.8 60.4 323820 0.8 60.4 325791
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Sequence 17009, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PLING DATE: 2000-10-20
PRIOR PLING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FREUESEQ for Windows Version 4.0
SEQ ID NO 17009
LENGTH: 205163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 97.3
Matches 36; Conservative
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US-09-949-016-11808/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Human
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Sequence 17468 Application US/09949016
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Sequence 17468 Application US/09949016
Sequence 17468 Application:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION WIMBER: US/09/949,016
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NO 17468
LENGTH: 88906
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US-09-513-999C-13589/C

Sequence 13589, Application US/09513999C

Patent No. 6783961

GENERAL INFORMATION:

APPLICANT: Dunias Milne Edwards, J.B.

APPLICANT: Duclett, A.

APPLICANT: Giordano, J.Y.

TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

Patent No. 6783961

FILE REPERENCE: 59.US2.REG

CURRENT PILING DATE: 1900-02-24

FRICH REPLICATION NUMBER: US 60/122,487

PRIOR PILING DATE: 1999-02-26

MUMBER OF SEQ ID NOS: 36681

SEQ ID NO 13589

LENGTH: 182
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88.6%; Pred. No. 0.0012;
tive 0; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 72.2%; Score 36.8; DB 4; Best Local Similarity 85.4%; Pred. No. 0.0022; Matches 41; Conservative 0; Mismatches 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; NAME/KEY: misc_feature
; LOCATION: (1)...(88906)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-17468
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Best Local Similarity 88.61
Matches 39; Conservative
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; ORGANISM: Homo sapiens
US-09-513-999C-13589
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Gaps

69.4%; Score 35.4; DB 4; Length 205163; 97.3%; Pred. No. 0.0079; tive 0; Mismatches 1; Indels 0;

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ARENEAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/21,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOCTWARE: PSESEE FASTESE FASTES FASTES FASTESE FASTES F
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                                                                              14 TTACACACACACACACACACACACAAAATATCTGA 50
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US-09-949-016-13388/c
; Sequence 13388, Application US/09949016
                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 11808, Application US/09949016
Patent No. 6812339
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| LOCATION: (1)...(636591)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-11808
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RESULT 4 US-09-949-016-17009

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Query Match
Best Local Similarity 84.89
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US-09-949-016-154219/c
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                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: Human
US-09-949-016-22414
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ORGANISM: Human
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APPLICATION VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REFERENCE: CL001307;
CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR PPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/241,756

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR PLING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NO 13388

LENGTH: 636591
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| FALEIR NO. 98124309
| APPLICANT: VENTER, J. Craig et al.
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
| FILE REFERENCE: CLOO1307
| CURRENT APPLICATION NUMBER: US/09/949,016
| CURRENT ELING DATE: 2000-04-14
| PRIOR APPLICATION NUMBER: 60/241,755
| PRIOR FILING DATE: 2000-10-03
| PRIOR FILING DATE: 2000-10-03
| PRIOR FILING DATE: 2000-09-08
| NUMBER OF SEQ ID NOS: 207012
| SOFTWARE: FREESEQ for Windows Version 4.0
| SEQ ID NO 22412
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 34.8; DB 4; Length 601;
Pred. No. 0.0041;
0; Mismatches 7; Indels
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; Sequence 22412, Application US/09949016
; Patent No. 6812339
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; Sequence 22414, Application US/09949016
; Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc feature
LOCATION: (1)...(636591)
OTHER INFORMATION: n = A,T,C or G
US-09-949-016-13388
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84.8%;
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ORGANISM: Human
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US-09-949-016-22412
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Best Local 8
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FACENTEAL INCORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION:

FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: 60/29/90,016

CURRENT PILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR PILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-00-08

PRIOR FILING DATE: 2000-00-08

PRIOR FILING DATE: 2000-00-08

PRIOR FILING DATE: 2000-00-08

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NOS: 207012

SEQ ID NO 154217
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOOL307
CURRENT APPLICATION NUMBER: US/09/949,016
FRICH APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 22414
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Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REFERENCE: CL001307
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84.8%; Pred. No. 0.0041;
live 0; Mismatches 7; Indels
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Gaps

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7; Indels

DB 4; Length 70131;

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4 ATCTCTTTCTTTACACACACACACACACACACACACAAAATATCTG
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84.8%; Pred. No. 0.01;
ive 0; Mismatches
  PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 16664
LENGTH: 70131
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Best Local Similarity 84.8
Matches 39; Conservative
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US-09-949-016-16064
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ORGANISM: Human
                                                                                                                                                                                     TYPE: DNA
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Sequence 11957, Application US/09949016

Releant No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REPREMENT: 2000.307

CURRENT APPLICATION NUMBER: 00/241,755

PRIOR FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR PLING DATE: 2000-10-03

PRIOR PLING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PEAST SOURCED OF WINDOWS Version 4.0

SEQ ID NO 11957

LENGTH: 64813
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               386 ACCTCTTTATACACACACACACACACACACACACACAGAATGTATG 341
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: PRESEQ for Windows Version 4.0
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Matches 39; Conservative
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Best Local Similarity 84.8
Matches 39; Conservative
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                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Human
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US-09-949-016-16064
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LENGTH: 601
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Sequence 142944, Application US/09949016

Sequence 142944, Application US/09949016

Patent No. 681239

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REFERENCE: CLOOL1307

CURRENT PELLING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-00-08

PRIOR FILING DATE: 2000-00-08

SPRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

SPRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                                                                                     USEQUENCE 142943, Application US/09949016

| SEQUENCE 142943, Application US/09949016
| Patent No. 681239
| GENERAL INFORMATION:
| APPLICANT: VENTER, J. Craig et al. |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF |
| CURRENT APPLICATION NUMBER: US/09/949,016 |
| CURRENT APPLICATION NUMBER: 60/241,755 |
| PRIOR APPLICATION NUMBER: 60/241,755 |
| PRIOR APPLICATION NUMBER: 60/231,498 |
| PRIOR APPLICATION NUMBER: 60/231,498 |
| PRIOR PILING DATE: 2000-09-08 |
| WUMBER OF SEQ ID NOS: 207012 |
| SOFTWARE: FastSEQ for Windows Version 4.0 |
| TENEMATICATION NUMBER: 60/230,207012 |
| TENEMATICATION NUMBER: 60/230,207012 |
| TENEMATICATION NUMBER: 60/230,498 |
| PRIOR APPLICATION NUMBER: 60/230,498 
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43449 ACCICITIAIACACACACACACACACACACACACAAAIGIAIG 43494
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Best Local Similarity 90.2
Matches 37; Conservative
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us-09-909-317-5\_copy\_830\_880.rni

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TYPE: DNA
ORGANISM: Human
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ORGANISM: Human
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTON: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTON: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT PILING DATE: 2000-04-14
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASTESEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 142945
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APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CLO01307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR PELING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 50368
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                                                                                                                                       Score 34.6; DB 4; Length 601;
Pred. No. 0.0048;
0; Mismatches 4; Indels
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Patent No. 6812339
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                                                                                                                                     67.8%;
90.2%;
                                                                                                                                   Query Match
Best Local Similarity 90.23
Matches 37; Conservative
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Best Local Similarity 90.2
Matches 37; Conservative
                       ; LENGTH: 601
; TYPE: DNA
; ORGANISM: Human
US-09-949-016-142944
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; ORGANISM: Human
US-09-949-016-13256
SEQ ID NO 142944
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US-US-49-U16-115//9/C

Sequence 15779, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, U. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REFERENCE: CLOID 307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT APPLICATION NUMBER: 00/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

SOUTHARE: PRESENCE (0/231,498

NUMBER OF SEQ ID NOS: 207012

SOUTHARE: PRESENCE (10 Windows Version 4.0)

SEQ ID NO 15779
                                                                                                                                                                                                                                                                                  Sequence 11894, Application US/09949016

Sequence 11894, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SEQ ID NOS: 207012

SEQ ID NO 11894
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                                                       Gaps
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Pred. No. 0.014;
0; Mismatches 4; Indels 0;
                                                       ö
67.8%; Score 34.6; DB 4; Length 50368;
90.2%; Pred. No. 0.011;
iive 0; Mismatches 4; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              14026 CCCTCTCTCTCTACACACACACACACACACACACA 13986
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; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-15779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    67.8%;
90.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match
Best Local Similarity 90.2'
Matches 37; Conservative
Query Match
Best Local Similarity 90.2
Matches 37; Conservative
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NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                 US-09-949-016-11894/c
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US-09-949-016-15779/c
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Sequence 51612, Application US/09949016

Patent No. 6812339
GENERAL INPOWARTION:
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                            66.7%; Score 34; DB 3; Length 80246; ilarity 88.1%; Pred. No. 0.02; Conservative 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 4; Length 601;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CCCATCTTTTTTTACACACACACACACACACACACAAA 42
                                                        Sequence 4, Application US/09078294
Patent No. 6265211
GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Choo, Rong-Hong Andy
APPLICANT: Choo; And Selve Col
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
FILE REFERENCE: Davies Col
CURRENT APPLICATION UNDER: US/09/078,294
CURRENT PILING DATE: 1988-05-13
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIN Ver. 2.0
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 33.8; DB 4. Pred. No. 0.0091; 1; Mismatches 6
                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA (CORGANISM: Nucleotide sequence of NC-contigues-09-078-294-4)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 59, Application US/08946026; Patent No. 6034218; GENERAL INFORMATION:
APPLICANT: Reed, Steven G.
APPLICANT: Twardzik, Daniel R.
APPLICANT: Twardzik, Daniel R.
APPLICANT: Twardzik, Daniel R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 66.3%;
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Best Local Similarity 80.99
Matches 38; Conservative
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Matches 37; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Human
US-09-949-016-51612
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                      RESULT 21
US-09-078-294-4
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Sequence 13110 Application US/09949016

Fatence 13110 Application US/09949016

Fatence 1310 Application US/09949016

Fatence 1310 Application US/09949016

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

CURRENT PAPLICATION NUMBER: US/09/949,016

CURRENT PILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-02

FRIOR FILING DATE: 2000-10-03

FRIOR FILING DATE: 2000-10-03

FRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: PRESCE OF Windows Version 4.0
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    DB 4; Length 265038;
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                                                                                          2 CCATCTCTTTACACACACACACACACACACACACAAA 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Ryan, James W.
APPLICANT: Sprinkle, Terry Joe Curtis
APPLICANT: Venema, Richard C.
TITLE APPLICANT: Venema, Richard C.
TITLE REFERENCE: MCG103
CURRENT APPLICATION NUMBER: US/09/146,053A
CURRENT PILING DATE: 1998-09-02
EARLIER APPLICATION NUMBER: 60/057,854
NUMBER OF SEQ ID NOS: 7
SOFTWARE: Patentin Ver: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     66.7%; Score 34; DB 4;
88.1%; Pred. No. 0.014;
Live 0; Mismatches
Query Match 67.8%; Score 34.6; DB 4 Best Local Similarity 90.2%; Pred. No. 0.016; Matches 37; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
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Best Local Similarity 88.14
Matches 37; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     37; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
Matches 37; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Human
US-09-949-016-13110
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LENGTH: 50000
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Gaps

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CLASSIFICATION: 424
ATTORNEY AGENT INFORMATION:
NAME: Maki, David J.
REGISTRATION NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.424C1
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 682-6031
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 1497 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-949-016-13631
; Sequence 13631, Application US/09949016
; Patent No. 6812339
                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: cDNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 39; Conserv
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US-09-949-016-13631
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Sequence 58, Application US/08946026

Sequence 58, Application US/08946026

Patent No. 6034218

GENERAL INFORMATION:

APPLICANT: Pardzik, Davin C.

APPLICANT: Twardzik, Davin C.

APPLICANT: Mitcham, Jennifer L.

TITLE OF INVENTION: COMPOUNDS AND METHODS FOR IMMUNOTHERAPY

TITLE OF INVENTION: AND IMMUNODIAGNOSIS OF PROSTATE CANCER

NUMBER OF SEQUENCES: 59

CORRESPONDENCE ADDRESS: 59

CORRESPONDENCE ADDRESS: 59

CORRESPONDENCE ADDRESS: 59

CORRESPONDENCE ADDRESS: 59

STREET: 6300 Columbia Center, 701 Fifth Avenue

STREET: 88atile
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           65.9%; Score 33.6; DB 3; Length 1050;
81.2%; Pred. No. 0.012;
tive 0; Mismatches 9; Indels 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPOUNDS AND METHODS FOR IMMUNOTHERAPY
                    AND IMMUNODIAGNOSIS OF PROSTATE CANCER 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4 ATCTCTTTTACACACACACACACACACACACACAAAATATCTGAT
                                                                                                                                                                                                COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODFRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/946,026
FTLING DATE: 07-CT-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Maki, David 1.392
REFERENCE/DOCKET NUMBER: 31,392
REFERENCE/DOCKET NUMBER: 210121.424C1
TELEFONMUNICATION INFORMATION:
TELEFONMUNICATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
LENGTH: 1050 DASSE PAIRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/946,026
FILING DATE: 07-OCT-1997
                                                                                               ADDRESSEE: SEED and BERRY LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    65.37
Best Local Similarity 81.23
Matches 39, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens
TITLE OF INVENTION: COI
TITLE OF INVENTION: ANI
NUMBER OF SEQUENCES: 5:
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
E: cDNA
                                                                                                                                               CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
ZIP: 98104-7092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: line
MOLECULE TYPE: c
ORIGINAL SOURCE:
                                                                                                                                                                                              COUNTRY: USA
                                                                                            ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-946-026-59
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FARENTALIN NO. SELICANY.

FARENTALIN NO. SELICANY.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

CURRENT APPLICATION NUMBER: 60/241,755

PRIOR PLING DATE: 2000-10-20

PRIOR PLING DATE: 2000-10-03

PRIOR PLING DATE: 2000-10-03

PRIOR PLING DATE: 2000-10-03

PRIOR PLING DATE: 2000-10-03

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FASESEQ for Windows Version 4.0

SEQ ID NO 15331
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Patent No. 681233
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERBNE: CL001378
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
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Query Match 65.9%; Score 33.6; DB 3; Length 1497; Best Local Similarity 81.2%; Pred. No. 0.013; Matches 39; Conservative 0; Mismatches 9; Indels 0;
                                                                                                                                 4 ATCTCTTTCTTTACACACACACACACACACACACAAAATATCTGAT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 ATCTCTTTCTTTACACACACACACACACACACACACAAAATATCTGAT
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Query Match
Best Local Similarity 90.0°
Marches 36; Conservative
      FILE REFERENCE: CL001307
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Human
FEATURE:
                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-949-016-16928
                                                                                                                                                                                                                                                                     LENGTH: 151089
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Patent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REPERENCE: CLOO3307

CURRENT PEPLICATION NUMBER: US/09/949,016

CURRENT PEPLICATION NUMBER: 60/241,755

PRIOR PILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

PRIOR PILING DATE: 2000-10-03

NUMBER OF SEQ ID NOS: 207012

NUMBER OF SEQ ID NOS: 207012
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                                                                                                                                                                                                                                                                                                                                                                                                                                              4; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                   65.9%; Score 33.6; DB 90.0%; Pred. No. 0.03; tive 0; Mismatches
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NO 14349
LENGTH: 132438
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Patent No. 6812339
                                                                                                                                                                                                                                                                                       | NAME/KEY: misc_feature
| LOCATION: (1)...(133438)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; LOCATION: (1)...(132438)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14350
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS
TITLE OF INVENTION: WITH HUMAN DIS
                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 90.0°
Matches 36; Conservative
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US-09-949-016-14348
                                                                                                                                                                                                                                                ORGANISM: Human
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 132438
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                                                                                                                                                                                                                            TYPE: DNA
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Sequence 16928, Application US/09949016

Sequence 16928, Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: UNMER: US/09/949,016

CURRENT APPLICATION NUMBER: US/041,755

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOCTWARE: FBSELSEQ for Windows Version 4.0

SEQ ID NO 16928

LENGTH: 524032
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 65.9%; Score 33.6; DB 4; Length 151089; Best Local Similarity 90.0%; Pred. No. 0.031; Matches 36; Conservative 0; Mismatches 4; Indels 0;
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CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
NUMBER: OF SEQ ID NOS: 207012
SEQ ID NO 14348
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; Sequence 16929, Application US/09949016
; Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature

| LOCATION: (1)...(151089)

| OTHER INFORMATION: n = A,T,C or G

US-09-949-016-14348
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; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-16928
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Ouery Match
Best Local Similarity 90.0'
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Best Local Similarity 90.0
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Human
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ORGANISM: Human
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Sequence 16930 Application US/09949016

Patent No. 6812339

GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYNORPHIEMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOOL307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR PRILING DATE: 2000-10-20

PRIOR PILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 16930

LENGTH: 524032
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR APPLICATION NUMBER: 60/231,498
PRIOR SEQ ID NOS: 207012
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           65.9%; Score 33.6; DB 4; Length 524032; 90.0%; Pred. No. 0.04; Live 0; Mismatches 4; Indels 0;
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NAME/KEY: misc_feature
LOCATION: [1)...(524032)

OTHER INFORMATION: n = A,T,C or G
US-09-949-016-16930
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; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-16929
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Best Local Similarity 90.0
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Human
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                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 16929
LENGTH: 524032
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
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RESULT 32 US-09-949-016-16931

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Sequence 16931, Application US/09949016
Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLO01307;
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT FILING DATE: 2000-04-14
FRIOR APPLICATION NUMBER: 60/241,755
PRIOR APPLICATION NUMBER: 60/231,768
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFUNDER OF SECULOR OF Windows Version 4.0
SEQ ID NO 16931
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CL001307
CURRENT APPLICATION NUMBER: 00/2414
FRIOR APPLICATION NUMBER: 60/241, 755
PRIOR APPLICATION NUMBER: 60/241, 755
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SEQ ID NO 14340
SEQ ID NO 14340
SEQ ID NO 14340
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 524032;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; FEATURE:

; NAME/KEY: misc feature

LOCATION: (1)...(524032)

; OTHER INFORMATION: n = A,T,C or G

US-09-949-016-16931
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LOCATION: (1)...(529885)
OTHER INFORMATION: n = A,T,C or G
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NAME/KEY: misc_feature
| LOCATION: (1)...(529885)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14343
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Best Local Similarity 90.0
Matches 36; Conservative
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ORGANISM: Human
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ORGANISM: Human
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APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-03
PRIOR PLING DATE: 2000-10-03
PRIOR PLING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 14141
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 65.9%; Score 33.6; DB Best Local Similarity 90.0%; Pred. No. 0.04; Matches 36; Conservative 0; Mismatches
                                               Sequence 14341, Application US/09949016
Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       // LOCATION: (1)...(529885)
// OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14341
                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
LOCATION: (1)...(52988
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GENERAL NO. GOLASJY:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REFERENCE: CLOO1307
CURRENT APPLICATION NUMBER: 60/241,755
FRIOR FILING DATE: 2000-04-14
FRIOR FILING DATE: 2000-10-20
FRIOR FILING DATE: 2000-10-03
FRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 14343
LENGTH: 529885
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APPLICANT: VENTER, J. Craig et al.
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
CURRENT APPLICATION NUMBER: 60/241,755
PRIOR FILING DATE: 2000-10-20
PRIOR PLILING DATE: 2000-10-03
PRIOR PLILING DATE: 2000-10-03
PRIOR PLILING DATE: 2000-10-03
PRIOR PLILING DATE: 2000-09-08
PRIOR PLILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FRAEVSEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 14444
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US-09-949-016-14343; Sequence 14343; Application US/09949016; Patent No. 6812339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 14344, Application US/09949016
Patent No. 6812339
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; NAME/KEY: misc feature
; LOCATION: (1)...(529885)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14344
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Best Local Similarity
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FEATURE:
NAME/KEY: misc feature
                             Query Match
Best Local Similarity
Matches 36; Conserva
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ORGANISM: Human
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ORGANISM: Human
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                                                                                                                                                                                                                 Sequence 14345, Application US/09949016

Fatent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

FILE REPRENCE: CLOU01307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

FRIOR APPLICATION NUMBER: 60/241,755

FRIOR APPLICATION NUMBER: 60/241,755

FRIOR APPLICATION NUMBER: 60/237,768

FRIOR FILING DATE: 2000-10-03

FRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOUTHWARE: FESTESEQ for Mindows Version 4.0
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US-09-949-016-14346

i Sequence 14346, Application US/09949016

i Patent No. 6812339

i GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

ITILE OF INVENTION: POLYWORPHISMS IN KNOWN GENES ASSOCIATED

ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

ITILE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

ITILE OF INVENTION UNMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FEASTE EASTED FOR WINDOWS VERSION 4.0

SEQ ID NO 14346

LENGTH: 529885
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  4; Indels
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  0; Mismatches
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LOCATION: (1)...(529865)
OTHER INFORMATION: n = A,T,C or G
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; LOCATION: (1)...(529885)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14346
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Matches 36, Conservative
36; Conservative
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ORGANISM: Human
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LENGTH: 529885
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  Matches
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ASSULT 14546

Sequence 14546, Application US/09949016

Sequence 14546, Application US/09949016

Sequence 14546, Application US/09949016

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-00-08

NUMBER OF SEQ ID NOS: 207012

SOOTHARE: PRESENCE OF Windows Version 4.0

SEQ ID NO 14546
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FAREMAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REFERENCE: CLOO1307

CURRENT PELLOR DATE: 2000-00-01-14

CURRENT PILLING DATE: 2000-10-20

FRIOR FILLING DATE: 2000-10-03

FRIOR FILLING DATE: 2000-10-03
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65.9%; Score 33.6; DB 4; Length 529885; 90.0%; Pred. No. 0.04; 1. Indels 0; Mismatches 4; Indels 0;
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Patent No. 6812339
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                                                                                     36; Conservative
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Gaps

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Indels

DB 4; Length 818128;

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Sequence 14549, Application US/09949016

Sequence 14549, Application US/09949016

Bacent No. 6812339

GENERAL INFORMATION:

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;

FILE REPERENCE: CLOO1307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FRASESEQ for Windows Version 4.0

SEQ ID NO 14549

LENGTH: 818128
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APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

APPLICANT: VENTER, J. Craig et al.

TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF FILE REFERENCE: CL001307

CURRENT APPLICATION NUMBER: 08/09/949,016

CURRENT PLING DATE: 2000-10-20

PRIOR APPLICATION NUMBER: 60/241,758

PRIOR APPLICATION NUMBER: 60/231,768

PRIOR APPLICATION NUMBER: 60/231,498

PRIOR APPLICATION NUMBER: 60/231,498
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Pred. No. 0.043;
0; Mismatches
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Patent No. 6812339
) ORGANISM: Human

FEATURE:

) NAME/KEY: misc feature

| LOCATION: (1)...(818128)

; OTHER INFORMATION: n = A,T,C or G

US-09-949-016-14548
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| LOCATION: (1)...(818128)
| OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14449
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Best Local Similarity 90.0%;
Matches 36; Conservative
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ORGANISM: Human
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US-09-949-016-14550
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GENERAL APPLICATION NUMBER:

GENERAL APPLICATION NUMBER:

GOVERAL APPLI
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US-09-949-016-14548
i Sequence 14548, Application US/09949016
i Sequence 14548, Application US/09949016
i Sequence 14548, Application US/09949016
i Patent No. 6812339
i GENERAL INFORMATION:
i APPLICANT: VEYTER, U. Craig et al.
i TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
i TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF;
i CURRENT APPLICATION NUMBER: US/09/949,016
i CURRENT FILING DATE: 2000-00-01-20
i PRIOR FILING DATE: 2000-10-03
i PRIOR FILING DATE: 2000-10-03
i PRIOR FILING DATE: 2000-10-03
i PRIOR FILING DATE: 2000-09-08
i RICH FILING DATE: 2000-09-08
i NUMBER OF SEQ ID NOS: 207012
i SOFTWARE: FESESEQ for Windows Version 4.0
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                                                                                                                                                              65.9%; Score 33.6; DB 4; Length 818128; 90.0%; Pred. No. 0.043; Live 0; Mismatches 4; Indels 0;
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90.0%; Pred. No. 0.043;
tive 0; Mismatches 4; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; Sequence 14547, Application US/09949016
; Patent No. 6812339
; LOCATION: (1)...(818128)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14546
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LOCATION: (1).T.(818128)
OTHER INFORMATION: n = A,T,C or G
                                                                                                                                                          Query Match
Best Local Similarity 90.0%
Matches 36; Conservative
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Matches 36; Conservative
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LENGTH: 818128
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TYPE: DNA
ORGANISM: Human
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US-09-949-016-14554
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Patent No. 6812339

GENERAL INFORMATION:

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Patent No. 6812339
FREENT NO. 6812339
FRICANT: UNFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
FILE REPERENCE: CLOO1307
CURRENT APPLICATION NUMBER: US/09/949,016
CURRENT PILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,768
PRIOR APPLICATION NUMBER: 60/237,489
PRIOR APPLICATION NUMBER: 60/231,498
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65.9%; Score 33.6; DB 4;
Best Local Similarity 90.0%; Pred. No. 0.043;
Matches 36; Conservative 0; Mismatches 4;
                                                                                                                                                                                                   ; NAME/KEY: misc_feature
; LCCATION: (1)...(818128)
; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14550
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; OTHER INFORMATION: n = A,T,C or G
US-09-949-016-14551
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                                                                            TYPE: DNA
ORGANISM: Human
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US-09-949-016-14551
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                                          LENGTH: 818128
SEQ ID NO 14550
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Sequence 14553, Application US/09949016

Patent No. 681239

GENERAL INFORMATION:

APPLICANT: URNER, J. Craig et al.

TITLE OF INVERTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVERTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

TITLE OF INVERTION NUMBER: US/09/949,016

CURRENT APPLICATION NUMBER: 60/241,755

PRIOR APPLICATION NUMBER: 60/241,755

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER OF SEQ ID NOS: 207012

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 818128
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Patent No. 6812339
GENERAL INFORMATION:
APPLICANT: VENTER, J. Craig et al.
TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF FILE REFERENCE: CLO01307
CURRENT APPLICATION NUMBER: US/09/949,016
PRIOR APPLICATION NUMBER: 05/241,755
PRIOR FILING DATE: 2000-10-20
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NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 14552
LENGTH: 818128
TYPE: DNA
ORGANISM: Human
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NAME/KEY: misc_feature
LOCATION: (1)...(818128)
COTHER INFORMATION: n = A,T,C or G
US-09-949-016-14552
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| LOCATION: (1)...(818128)

| OTHER INFORMATION: n = A,T,C or G

US-09-949-016-14553
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Best Local Similarity 90.0
Matches 36; Conservative
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Matches 36; Conservative
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US-09-949-016-14555

JEQUENCE 14555, Application US/09949016

JEQUENCE 14555, Application US/09949016

JEDILAL INFORMATION:

JEDELICANT: UNIVERTION:

JITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

JITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

JITLE REPERENCE: CL0001307

CURRENT APPLICATION NUMBER: US/09/949,016

CURRENT FILING DATE: 2000-04-14

PRIOR APPLICATION NUMBER: 60/237,768

PRIOR FILING DATE: 2000-10-20

PRIOR FILING DATE: 2000-10-03

PRIOR FILING DATE: 2000-09-08

NUMBER: OF SEQ ID NOS: 207012

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PRIOR APPLICATION NUMBER: 60/237,768
PRIOR FILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-10-03
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 207012
SOFTWARE: FastsEQ for Windows Version 4.0
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| NAME/KEY: misc_feature | LOCATION: (1)...(818128) | OTHER INFORMATION: n = A,T,C or G US-09-949-016-14554
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ORGANISM: Human
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US-10-027-632-259460
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US-10-087-192-496
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US-10-087-192-496
US-10-087-192-496
US-10-674-124A-25250
US-10-674-124A-25249
US-10-674-124A-25249
US-10-027-632-149450
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US-10-040-739-1498
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US-10-674-124A-20888
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US-10-674-124A-26261
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US-10-674-124A-20889
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US-10-239-676-2
US-10-311-455-44
US-10-240-453-2
US-10-240-599C-2
US-10-674-124A-3039
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Sequence 17959, A Sequence 25086, A Sequence 23407, A Sequence 1392, Ap Sequence 1392, Ap Sequence 1392, Ap Sequence 22729, A Sequence 27734, A Sequence 27594, A Sequence 25888, A Sequence 55888, A Sequence 55888, A	6181, A 4644, A 286702, 132116, 132116, 56179, A 6180, A 7500, A 7500, A 7269, A 2269, A 226137,	equence 22 equence 24 equence 41 equence 41 equence 41 equence 913 equence 913 equence 913 equence 93 equence 93 equence 93 equence 85 equence 365 equence 365	Sequence 1655, Ap Sequence 1475, Ap Sequence 1475, Ap Sequence 1475, Ap Sequence 19, Appl Sequence 37, Appl Sequence 37, Appl Sequence 157, Appl Sequence 157, Appl Sequence 167, Appl Sequence 160, Appl Sequence 184, Appl Sequence 185, Appl Sequence 181, Appl	
<b>ப்ப்ப்ப்</b> கைகைப்ப்ப	ноннанананана	572 17 US-10-027-632-223159 692 13 US-10-027-632-240871 823 13 US-10-027-632-240871 823 13 US-10-027-632-4115 823 17 US-10-027-632-4115 823 17 US-10-027-632-4115 913 15 US-10-027-632-4115 913 17 US-10-027-632-112196 2453 17 US-10-227-98-939 2453 17 US-10-227-632-112196 0.0710 15 US-10-027-632-112196 1027 9 US-09-764-877-3655 1.027 1 US-10-248-855		SEGULT 1  15-09-909-317-5  Sequence 5, Application US/09909317  Sequence 15, Application US/09909317  SEQUENCE 10 US20040152075A1  GENERAL INFORMATION: APPLICANT: Betty P. Tsao (Inventor) APPLICANT: Rita M. Cantor (Inventor) APPLICANT: Nucention US/09/09. TILLE REFERENCE: 18810-82152  CURRENT APPLICATION NUMBER: US/09/909,317  CURRENT FILING DATE: 2001-07-18  PRIOR APPLICATION NUMBER: 09/280,181  PRIOR APPLICATION NUMBER: 09/280,181  PRIOR FILING DATE: 1999-03-29  NUMBER OF SEQ ID NOS: 7  SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: OLEK, Alexander
APPLICANT: OLEK, Alexander
APPLICANT: DIEFENBROCK, Christian
APPLICANT: BERLIN, Kurt
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA
TITLE OF INVENTION: Transcription
TITLE OF INVENTION: With DNA TRANScription
FILE REFERENCE: 5013.1009
CURRENT APPLICATION NUMBER: US/10/240,453
CURRENT FILING DATE: 2002-10-02
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                                                                                                                                                  ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens) US-10-311-455-44
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APPLICANT: OLEK, Alexander
APPLICANT: OLEK, Alexander
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with
TITLE OF INVENTION: DNA repair
FILE REFERENCE: 5013.1008
CURRENT APPLICATION NUMBER: US/10/240,589C
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79.2%; Score 40.4; DB 15;
Best Local Similarity 97.6%; Pred. No. 0.00036;
Matches 41; Conservative 0; Mismatches 1;
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Pred. No. 0.00036;
0; Mismatches 1;
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PRIOR FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR APPLICATION NUMBER: DE 1001913.8
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-07
PRIOR PLILING DATE: 2000-06-00
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/10240453
Publication No. US20030148326A1
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                                                                                                    ORGANISM: Artificial Sequence FEATURE:
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Best Local Similarity 97.6%;
Matches 41; Conservative
NUMBER OF SEQ ID NOS: 2424
SEQ ID NO 44
LENGTH: 10619
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APPLICANT: DLEK, Alexander
APPLICANT: PEPERNBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Oxforsine methylation
TITLE OF INVENTION: Cytosine methylation
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
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APPLICANT: PIEPERBROCK, Christian
APPLICANT: BIERIBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with Gene Regulation
FILE REPERBRUE: 5013.1003
CURRENT APPLICATION NUMBER: US/10/239,676
CURRENT FILING DATE: 2002-09-24
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                                                                                                                      ; Score 51; DB 11; Length 2085; ; Pred. No. 5.6e-08; 0; Mismatches 0; Indels 0
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Pred. No. 0.00036;
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DE 10019058.8
DE 100130529.7
DE 10043826.1
PRIOR FILING DATE: 2001-04-06
2000-04-07
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Publication No. US20030143606A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/10239676
Publication No. US20030082609A1
                                                                                                                           Query Match
Best Local Similarity 100.0%;
Matches 51; Conservative 0
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Best Local Similarity 97.6%;
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2000-09-01
NUMBER OF SEQ ID NOS: 228
                         TYPE: DNA
CORGANISM: Homo sapiens
US-09-909-317-5
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       LENGTH: 2085
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OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of TOTHER INFORMATION: Sequence listing upward to telomere on chrosomal short arm and COTHER INFORMATION: 5'-terminus of this base sequence: 107348
US-10-674-124A-10920
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                                                                                                                                                                                                                                                                                                          STATEMENT: INVOCATIONSO, Hidetoshi,
APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM WARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR PILING DATE: 2003-09-26
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR PILING DATE: 2000-04-13
PRIOR PILING DATE: 2000-04-13
PRIOR PILING DATE: 2000-04-13
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
SEQ ID NOS: 27110
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                                                                                  178 referentiaracacacacacacacacacacacaaratata 222
                                   5 TCTCTTTCTTTACACACACACACACACACACACACAAAATATCTG
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APPLICANT: Endege, Wilson
APPLICANT: Endege, Wilson
APPLICANT: Monahan, John
TITLE OF INVENTION: IDENTIFICATION, ASSESSME
TITLE OF INVENTION: IDENTIFICATION, ASSESSME
TITLE OF INVENTION: IDENTIFICATION, ASSESSME
FILE REFERENCE: MRI-007BCN
CURRENT APPLICATION NUMBER: US/10/357,930
CURRENT FILING DATE: 2003-02-04
PRIOR FILING DATE: 2003-02-16
PRIOR APPLICATION NUMBER: 09/785,276
PRIOR PAPLICATION NUMBER: 60/183,319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Located on chromosome 6
FEATURE:
                                                                                                                                                                                                                                   Sequence 10920, Application US/10674124A Publication No. US20040197797A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 55243, Application US/10357930 Publication No. US20040259086A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 87.27
Best Local 41; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: D6S988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
                                                                                                                                                                                                         US-10-674-124A-10920
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US-10-357-930-55243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Distance between a terminus base of telomere on chromosomal short arm and 5'-terminus of this base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens) US-10-240-589C-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 79.2%; Score 40.4; DB 17; Length 10619; Best Local Similarity 97.6%; Pred. No. 0.00036; Matches 41; Conservative 0; Mismatches 1; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 38.6; DB 18; Length 400;
Pred. No. 0.00082;
0; Mismatches 4; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: INOKO,
APPLICANT: TAMIXA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR FILING DATE: 2000-03-07
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                    PRIOR APPLICATION NUMBER: PCT/ED01/03972
PRIOR FILING DATE: 2001-04-06
PRIOR PPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-30
PRIOR PILING DATE: 2000-06-30
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PRICR FILING DATE: 2000-10-30
PRICR FILING DATE: 2000-10-30
PRICR APPLICATION NUMBER: JP2000-112699
PRICR PLING DATE: 2000-04-13
PRICR APPLICATION NUMBER: JP2002-327516
PRICR FILING DATE: 2002-09-28
PRICR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
SEQ ID NO 3039
LENGTH: 400
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OTHER INFORMATION: chromosomal short ar
OTHER INFORMATION: sequence : 84667136
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OTHER INFORMATION: AC010744.4_97739
FEATURE:
2003-09-02
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1 Similarity 91.1%;
41; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Homo sapiens
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Best Local Similarity
Matches 41; Conserv
  CURRENT FILING DATE:
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COTHER INFORMATION:
US-10-674-124A-3039
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                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 10619
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RESULT 11
US-10-717-597-322
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Sequence 4, Application US/10160807

Publication No. US20330224514A1

GENERAL INFORMATION:

APPLICANT: William Gaarde

APPLICANT: Susan M. Freier

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTIENSE MODULATION OF PPAR-DELTA EXPRESSION

FILE REFERENCE: RTG-0189

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 296

SEQ ID NO 4

LENGTH: 104245
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APPLICANT: Susan M. Freier
APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REPERENCE: RTG-0189
CURRENT APPLICATION NUMBER: US/10/655,847
CURRENT FILING DATE: 2003-09-05
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----- 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 72.5%; Score 37; DB 18; Best Local Similarity 88.9%; Pred. No. 0.0032; Matches 40; Conservative 0; Mismatches 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 36.8; Di
Pred. No. 0.00
0; Mismatches
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: 60/189,862
PRIOR FILING DATE: 2000-03-16
PRIOR PILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 60/207,454
PRIOR PILING DATE: 2000-05-25
PRIOR FILING DATE: 2000-06-09
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 2000-07-18
PRIOR FILING DATE: 2000-12-13
SOFTWARE: PABLES OF SEQ ID NOS: 62232
SOFTWARE: PABLES OF WINDOWS VERSION 4.0
SEQ ID NO 55243
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) OTHER INFORMATION: n = A,T,C or G
US-10-357-930-55243
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 85.4%;
Matches 41; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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APPLICANT: Twine, Natalie C.
APPLICANT: Trepicchie, William L.
APPLICANT: Trepicchie, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR FILING DATE: 2003-04-03
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR APPLICATION NUMBER: US 60/427,982
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                                                                                                                                                                                                                                                         Score 36.8; DB 17; Length 104245; Pred. No. 0.0096; 0; Mismatches 7; Indels 0; 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 36.8; DB 18; Length 170245;
Pred. No. 0.011;
0; Mismatches 7; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: INOXC, Hidetoshi
APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT EPLING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR FILING DATE: 2003-09-07
PRIOR FILING DATE: 2003-09-07
PRIOR FILING DATE: 2003-09-07
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR PLILING DATE: 2000-10-30
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PRIOR APPLICATION NUMBER: US/10/160,807
PRIOR FILING DATE: 2003-09-05
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 4
LENGTH: 104245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 322, Application US/10717597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 4904
SOFTWARE: Patentin version 3.2
SEQ ID NO 322
LENGTH: 170245
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il Similarity 85.4%;
41; Conservative (
                                                                                                                                                                                                                                                            Query Match 72.2%;
Best Local Similarity 85.4%;
Matches 41; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-717-597-322
                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 41; Conserv
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US-10-674-124A-18213
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PUBLICATION NO. US20040197797A1

GENERAL INFORMATION:

APPLICANT: INCKO, Hidecoshi

APPLICANT: TAMIYA, Gen

TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE

TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS

TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS

TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS

CURRENT APPLICATION UNMER: US/10/674,124A

CURRENT APPLICATION NUMBER: 10/257,511

PRIOR APPLICATION NUMBER: 10/257,511

PRIOR PILING DATE: 2003-03-07

PRIOR PILING DATE: 2000-10-30

PRIOR PELING DATE: 2000-04-13

PRIOR PELING DATE: 2002-09-28

PRIOR PILING DATE: 2002-09-28

PRIOR PILING DATE: 2002-09-28

PRIOR PILING DATE: 2002-12-09

PRIOR PILING DATE: 2002-12-09

PRIOR PILING DATE: 2002-12-09

NUMBER OF SEQ ID NOS: 27110
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Pred. No. 0.0072;
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                                                                                           Sequence 259460, Application US/10027632 Publication No. US20030204075A9 GENERAL INFORMATION:
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OTHER INFORMATION: D7S2443
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of TOTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and COTHER INFORMATION: 5'-terminus of this base sequence: 223511 US-10-674-18213
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT PILING DATE: 2002-04-30
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR PILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/157,363
PRIOR PILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PILING DATE: 1999-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Located on chromosome 12
FEATURE:
OTHER INFORMATION: Distance between a terminus base of telomere on
OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base
OTHER INFORMATION: sequence : 1189010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 71.0%; Score 36.2; DB 18; Length 419; Best Local Similarity 83.7%; Pred. No. 0.0056; Matches 41; Conservative 0; Mismatches 8; Indels 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                70.6%; Score 36; DB 13; Length 657; 100.0%; Pred. No. 0.0072;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  174 TCTCTTTCTTTACACACACACACACACACACACA 139
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Prea. ...
... 0; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
                  PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR FILING DATE: 2002-09-28
PRIOR PLING DATE: 2002-09-28
PRIOR FILING DATE: 2002-12-09
PRIOR FILING DATE: 2002-12-09
SEQ ID NOS: 27110
LENGTH: 419
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 259460, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                FEATURE:
OTHER INFORMATION: AC004802.1_36841
PRIOR FILING DATE: 2000-04-13
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                                                                                                                                                                                                 TYPE: DNA ORGANISM: Homo sapiens
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Best Local Similarity
Matches 36; Conser
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-027-632-259460/c
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US-10-027-632-259460
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SEQ ID NO 259460
LENGTH: 657
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Gaps

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FIREMEML INFORMATION:

JAPPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Oblymorphisms in the Human Genome

FILE REPERSENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT PILING DATE: 2002-04-30

PRIOR FILING DATE: 2000-07-12

PRIOR FILING DATE: 2000-07-12

PRIOR FILING DATE: 2000-04-20

PRIOR PLILING DATE: 2000-03-29

PRIOR PLILING DATE: 2000-03-29

PRIOR PLILING DATE: 2000-03-24

PRIOR PLILING DATE: 2000-03-24

PRIOR PLILING DATE: 2000-03-24

PRIOR PLILING DATE: 2000-03-24

PRIOR PLILING DATE: 1999-11-23

PRIOR PLILING DATE: 1999-11-23

PRIOR PLILING DATE: 1999-10-24

PRIOR PLILING DATE: 1999-09-28

PRIOR PLILING DATE: 1999-09-28

PRIOR PLILING DATE: 1999-09-28

PRIOR PLILING DATE: 1999-08-08

PRIOR PLILING DATE: 1999-08-08

NUMBER OF SEQ ID NOS: 325720

SOFTWARE FRAEESQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                       Length 576;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 CCATCTCTTTTACACACACACACACACACACACACAAATATCT 48
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APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
                                                                                                                                                                                                                                                                                                                                                                                       Score 35.4; DB 13;
Pred. No. 0.011;
1; Mismatches 7;
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-10-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 282410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 282410, Application US/10027632 Publication No. US20030204075A9 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                             69.4%;
83.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 83.0
Matches 39, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-027-632-282410/c
                                                                                                                                                                                                                                                                                ; TYPE: DNA
; ORGANISM: Human
US-10-027-632-282410
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US-10-674-124A-12025
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 282410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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                                                                                                                                                                                             Distance between 3'-terminus of neighbour sequence of sequence listing upward to telomere on chrosomal short arm and 5'-terminus of this base sequence : 39232
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US-10-027-632-282410/c

sequence 282410, Application US/10027632

publication No. US20020198371A1

GENERAL INFORMATION:

APPLICATY: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108827.129

CURRENT PRILING DATE: 2002-04-30

PRIOR APPLICATION NUMBER: US 60/218,006

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR APPLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR PILING DATE: 2000-04-20

PRIOR PILING DATE: 2000-03-29

PRIOR APPLICATION NUMBER: US 60/193,483

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 2000-03-29

PRIOR FILING DATE: 2000-03-24
                                                   FEATURE:
OTHER INFORMATION: Distance between a terminus base of telomere on OTHER INFORMATION: chromosomal short arm and S'-terminus of this base OTHER INFORMATION: sequence: 81430512
PEATURE:
OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence OTHER INFORMATION: sequence listing upward to telomere on chrosomal shotter information: 5'-terminus of this base sequence: 39232
                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                   ch 69.8%; Score 35.6; DB 18; Length 143; l Similarity 90.5%; Pred. No. 0.0075; 38; Conservative 0; Mismatches 4; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 35.6; DB 13; Length
Pred. No. 0.023;
0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: MOSTIS, David W.
APPLICANT: Engelhard, Eric K.
TITLE OP INVENTION: NOVEL COMPOSITIONS AND METHODS FOR TITLE OP INVENTION: CANCER
FILE REFERENCE: 529452000122
CURRENT APPLICATION NUMBER: US/10/087,192
CURRENT FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR APPLICATION NUMBER: US 09/747,377
PRIOR FILING DATE: 2000-12-22
PRIOR PILING DATE: 2000-03-01
PRIOR FILING DATE: 2000-03-01
PRIOR FILING DATE: 2000-03-03
NUMBER OF SEQ ID NOS: 2059
SOFTWARE: FastEEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 CCCATCTCTTTACACACACACACACACACACACACAAA 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 CCCATCTCTTTACACACACACACACACACACACACAAA 42
     FEATURE: OTHER INFORMATION: Located on chromosome
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 496, Application US/10087192
Publication No. US20020182586A1
GENERAL INFORMATION:
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Best Local Similarity 90.5%;
Matches 38; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-087-192-496
                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 38; Conserva
                                                                                                                                                                                                                                                            ; OTHER INFURMATION
US-10-674-124A-12309
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us-09-909-317-5\_copy\_830\_880.rnpb

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FEATURE:
CTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of OTHER INFORMATION: Sequence listing upward to telomere on chrosomal short arm and COTHER INFORMATION: 5'-terminus of this base sequence: -236
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                                                                OTHER INFORMATION: Distance between a terminus base of telomere on OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base OTHER INFORMATION: sequence : 38784796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT FILING DATE: 2003-09-26
PRIOR PLILING DATE: 2003-09-26
PRIOR PLLING DATE: 2003-09-07
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR PLILING DATE: 2000-10-30
PRIOR PLILING DATE: 2000-04-13
PRIOR PLILING DATE: 2000-04-13
PRIOR PLILING DATE: 2000-09-28
PRIOR PLILING DATE: 2000-09-28
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-28
PRIOR FILING DATE: 2002-09-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  79 CATCTCTGTTTTTACACACACACACACACACACACACA 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 CATCTCTTTACACACACACACACACACACACAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3;
                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 69.0%; Score 35.2; DB Best Local Similarity 92.5%; Pred. No. 0.01; Matches 37; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE:
OTHER INFORMATION: Located on chromosome 18
FEATURE:
OTHER INFORMATION: Distance between a termin
OTHER INFORMATION: chromosomal short arm and
OTHER INFORMATION: sequence : 9966639
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 23225, Application US/10674124A Publication No. US20040197797A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 25249, Application US/10674124A; Publication No. US20040197797A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: INOKO, Hidetoshi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: D18S464
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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Publication No. US20040197797A1

GENERAL INFORMATION:

APPLICANT: INFORMATION:

APPLICANT: TAMIYA, Gen

TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS

FILE REPERENCE: ORING GENETIC POLYMORPHISM MARKERS

FILE REPERENCE: ORING GONGTO

CURRENT PLING DATE: 2003-09-66

PRIOR PLILING DATE: 2003-09-76

PRIOR FILING DATE: 2003-09-70

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-0-112699

PRIOR FILING DATE: 2000-0-327516

PRIOR FILING DATE: 2000-0-38

PRIOR FILING DATE: 2002-09-28

PRIOR FILING DATE: 2002-09-28

PRIOR FILING DATE: 2002-09-28

PRIOR PLING DATE: 2002-09-28

PRIOR PRIOR PRIOR DATE: 2002-09-28

PRIOR PRIOR DATE: 2002-09-28

PRIOR PRIOR DATE: 2002-09-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       34 CATCTCTGTCTTACACACACACACACACACACACACACA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 CATCTCTTTTACACACACACACACACACACACAAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 18;
                        GENETIC POLYMORPHISM MARKERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 35.2; DB
Pred. No. 0.01;
0; Mismatches
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION WUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION WUMBER: 10/257,511
PRIOR FILING DATE: 2003-03-07
PRIOR FILING DATE: 2000-01-30
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-04-13
PRIOR APPLICATION WUMBER: JP2000-112699
PRIOR APPLICATION WUMBER: JP2000-12699
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-12-09
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: Located on chromosome 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Located on chromosome 7 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 92.5%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      37; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: D7S478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-674-124A-25250/c
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ORGANISM: HOMO
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GAPPLICANT: Wang, David G.

TITLE OF INVENTION:
POLYMORPHICANT: Wang, David G.

TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REPERBACE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT PILING DATE: 2002-04-30
FRIOR PAPLICATION NUMBER: US 60/218,006
FRIOR FILING DATE: 2000-07-12
FRIOR FILING DATE: 2000-04-20
FRIOR FILING DATE: 2000-04-20
FRIOR PAPLICATION NUMBER: US 60/193,483
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 2000-03-24
FRIOR FILING DATE: 2000-03-24
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-10-28
FRIOR FILING DATE: 1999-10-28
FRIOR FILING DATE: 1999-09-08-08
FRIOR FILING DATE:
                                                                                                                                                                                                                                                                             Gaps
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APPLICANT: Wang, David G.
TITLE OF INVENTION:
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR PILING DATE: 2000-07-12
PRIOR PILING DATE: 2000-07-12
PRIOR PRILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PLING DATE: 2000-04-20
PRIOR PLING DATE: US/06/199,676
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                                                                                                                                                                                                               Length 570;
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                                                                                                                                                                                                                                                                                                                                                                                             DB 13;
                                                                                                                                                                                                                                                                                                                                                     3 CATCTCTTTACACACACACACACACACACACAAA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3 CATCTCTTTACACACACACACACACACACACACAAA
                                                                                                                                                                                                        Score 35.2; DB 1
Pred. No. 0.013;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 128160, Application US/10027632 Publication No. US20030204075A9 GENERAL INFORMATION:
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                                                                                                                                                                                                               69.0%;
92.5%;
                                                                                                                                                                                                                                            Best Local Similarity 92.5
Matches 37; Conservative
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Matches 37; Conservative
                                                                     ; TYPE: DNA
; ORGANISM: Human
US-10-027-632-128160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 24
US-10-027-632-128160
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ORGANISM: Human
; SEQ ID NO 128160
; LENGTH: 570
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                     APPLICANT: INOKO, Hidecoshi
APPLICANT: TAMIXA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR APPLICATION NUMBER: DCT/JP00/07621
PRIOR APPLICATION NUMBER: JP2000-112699
PRIOR FILING DATE: 2000-10-30
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR PELING DATE: 2002-09-28
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
SEQ ID NO 25249
LENGTH 393
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ÷
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 69.0%; Score 35.2; DB 1
Best Local Similarity 92.5%; Pred. No. 0.012;
Matches 37; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Located on chromosome 21 FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR PLING DATE: 2000-07-12
PRIOR PLING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-24
PRIOR PILING DATE: 2000-03-24
PRIOR PLING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR PLING DATE: 1999-11-23
PRIOR PLING DATE: 1999-11-23
PRIOR PLING DATE: 1999-11-23
PRIOR PLING DATE: 1999-09-28
PRIOR PLING DATE: 1999-09-28
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 128160, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Homo sapiens
PEATURE:
OTHER INFORMATION: AL163283.1_329610
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APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REPERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
FRIOR PELICATION NUMBER: US 60/198,676
FRIOR FILING DATE: 2000-07-20
FRIOR PELICATION NUMBER: US 60/198,676
FRIOR PELICATION NUMBER: US 60/193,483
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 2000-02-24
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-10-28
FRIOR FILING DATE: 1999-10-28
FRIOR FILING DATE: 1999-10-28
FRIOR FILING DATE: 1999-09-08-08
FRIOR FILING DATE: 1999-08-08
FRIOR FILING DATE: 1999-08-08
FRIOR FILING DATE: 1999-08-08
FRIOR FILING DATE: 1999-108-08
FRIOR FILING DATE: 1999-08-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 69.0%;
Best Local Similarity 92.5%;
Matches 37; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Human
US-10-027-632-149461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-027-632-149459
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

FILE REPERENCE: 108827.129

CURRENT PILING DATE: 2002-04-30

PRIOR PLICATION NUMBER: US 60/218,006

PRIOR PLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-04-20

PRIOR PLING DATE: 2000-04-20

PRIOR PLING DATE: 2000-03-24

PRIOR PLING DATE: 2000-03-24

PRIOR PLING DATE: 1999-11-23

PRIOR PLING DATE: 1999-11-23

PRIOR PLING DATE: 1999-11-23

PRIOR PLING DATE: 1999-10-09-08

PRIOR PLING DATE: 1999-09-08

PRIOR PLING DATE: 1999-08-09

PRIOR FILING DATE: 1999-08-09

SOFTWARE FRACEOUT NUMBER: US 60/146,002

PRIOR FILING DATE: 1999-08-09

SOFTWARE FRACEOUT NOS: 325720

SOFTWARE FRACEOUT NOS: 325720

SEQ ID NO 149460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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69.0%; Score 35.2; DB 1
Best Local Similarity 92.5%; Pred. No. 0.014;
Matches 37; Conservative 0; Mismatches
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92.5%; Pred. No. 0.014;
iive 0; Mismatches
       PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR PILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-09-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSEQ for Windows Version 4.0
SERNGTH: 727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 149460, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 37; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Human
US-10-027-632-149459
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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Gaps

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Score 35.2; DB 13; Length 727; Pred. No. 0.014; 0; Mismatches 3; Indels 0;

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Sequence 149459, Application US/10027632

Publication No. US2003020407549

GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT APPLICATION NUMBER: US 60/218,006

PRIOR FILING DATE: 2000-07-20

PRIOR FILING DATE: 2000-07-20

PRIOR PELING DATE: 2000-03-20

PRIOR PELING DATE: 2000-03-20

PRIOR FILING DATE: 2000-03-24

PRIOR PELING DATE: 1999-11-23

PRIOR PELING DATE: 1999-11-23

PRIOR FILING DATE: 1999-11-23

PRIOR FILING DATE: 1999-09-08

PRIOR FILING DATE: 1999-08-09

PRIOR FULING DATE: 1999-08-09

PRIOR FULING DATE: 1999-08-09

PRIOR FULING DATE: 1999-08-09
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                                                      227 cecrrererererezacacacacacacacacacacacaca
1 CCCATCTTTTTTTACACACACACACACACACACACA
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US-10-027-632-149459
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Best Local
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Sequence 149461, Application US/10027632 Publication No. US20020198371A1 GENERAL INFORMATION:

US-10-027-632-149461

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NAME/KEY: misc_feature
LOCATION: (1)...(66)
OTHER INFORMATION: Exon C1
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LOCATION: (6811)..(6978)
OTHER INFORMATION: EXON C5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature
LOCATION: (1802)..(1947)
OTHER INFORMATION: Exon C2
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OTHER INFORMATION: Exon C3
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LOCATION: (11232)..(11270)
OTHER INFORMATION: Exon C6
                                                                                                                                                                                                                                                           Query Match 69.0
Best Local Similarity 92.5
Matches 37; Conservative
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LOCATION: (4679)..(4747)
OTHER INFORMATION: Exon C4
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LOCATION: (4198)..(435)
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                                                                                                         ; TYPE: DNA
; ORGANISM: Human
US-10-027-632-149461
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APPLICANT: Wang, David G.

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

PILE REPERENCE: 108827.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT FILING DATE: 2002-04-30

PRIOR PLICATION NUMBER: US 60/198,676

PRIOR FILING DATE: 2000-07-12

PRIOR PLLING DATE: 2000-04-20

PRIOR PLLING DATE: 2000-04-20

PRIOR PLLING DATE: 2000-03-24

PRIOR PLLING DATE: 2000-03-24

PRIOR PLLING DATE: 2000-03-24

PRIOR PLLING DATE: 1999-11-23

PRIOR PLLING DATE: 1999-11-23

PRIOR PLLING DATE: 1999-11-23

PRIOR PLLING DATE: 1999-09-28

PRIOR PLLING DATE: 1999-09-28

PRIOR PLLING DATE: 1999-09-80

PRIOR PLING DATE: 1999-09-80
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; Publication No. US20030204075A9
; Fublication No. US20030204075A9
; GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR PILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 1999-11-23
; PRIOR FILING DATE: 1999-10-28
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Best Local Similarity 92.5%; Pred. No. 0.014;
Matches 37; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                           Sequence 149460, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
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US-10-027-632-149461
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ORGANISM: Human
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NUMBER OF SEC ID NOS: 33520

NUMBER OF SEC ID NOS: 33520

SECTION 0.149461

SECTION
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OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of OTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and OTHER INFORMATION: 5'-terminus of this base sequence : 345609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
OTHER INFORMATION: Located on chromosome 3
FEATURE:
OTHER INFORMATION: Distance between a terminus base of telomere on OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base OTHER INFORMATION: sequence : 186968498
                                                       Query Match 68.2%; Score 34.8; DB 18; Length 188; Best Local Similarity 94.7%; Pred. No. 0.015; Matches 36; Conservative 0; Mismatches 2; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5 TCTCTTTCTTTACACACACACACACACACACACAAA 42
Sequence 6272, Application US/10674124A Publication No. US20040197797A1 GENERAL INFORMATION:
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OTHER INFORMATION: DISO7_10001315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                    Length 14277;
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Publication No. US20040197797A1

GENERAL INFORMATION:

APPLICANT: INFORMATION:

APPLICANT: TAMIYA, Gen

TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS

TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS

FILE REFERENCE: ORIN: 0301P

CURRENT APPLICATION NUMBER: US/10/674,124A

CURRENT APPLICATION NUMBER: 10/257,511

PRIOR FILING DATE: 2003-09-66

PRIOR FILING DATE: 2003-03-07

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-0-13

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2002-09-28

PRIOR FILING DATE: 2002-12-09

NUMBER OF SEQ ID NOS: 27110
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5 TCTCTTTCTTTACACACACACACACACACACACAAAATATCTGA 50
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                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                9447 TCTCTCTCTCTACACACACACACACACACACACACAT 9408
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                                                                                                                                                                                                                                                                                                 Score 35.2; DB 1
Pred. No. 0.024;
0; Mismatches
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                                                                                                                               or
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                                                                    NAME/KEY: misc feature
LOCATION: (13375)..(13500)
OTHER INFORMATION: n is a, c, g,
PEATURE:
NAME/KEY: misc feature
LOCATION: (14095)..(14187)
OTHER INFORMATION: Exon C8
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Best Local Similarity 92.5%;
Matches 37; Conservative (
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Best Local Similarity 84.89
LOCATION: (11594)..(11677)
OTHER INFORMATION: EXON C7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Z66689
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 32
US-10-674-124A-9430
                                                                                                                                                                                                                                                 US-10-715-066-3
                                                  FEATURE:
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Gaps

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; PUBLICATION NO. USZUG40197797A1
; GENERAL INFORMATION:
APPLICANT: TAMITA, GEN
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT FILING DATE: 2003-09-26
PRIOR FILING DATE: 2003-03-07
PRIOR PELICATION NUMBER: 10/257,511
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR FILING DATE: 2000-04-13
PRIOR FILING DATE: 2000-04-13
PRIOR FILING DATE: 2002-09-28
PRIOR PELICATION NUMBER: JP2002-327516
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-01-30
PRIOR FILING DATE: 2002-12-09
**SEQ ID NO 10989
**LENGTH: 250
42 TCTCTTTTTTTACACACACACACACACACACACA 79
                                                                                                                                                                                                                                            Sequence 10989, Application US/10674124A Publication No. US20040197797A1
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RESULT 33 US-10-674-124A-6272

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FEATURE:
OTHER INFORMATION: Located on chromosome 6
FEATURE:
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PRIOR PELICATION NUMBER: 10/257,511
PRIOR PELICATION NUMBER: PCT/JP00/07621
PRIOR FILING DATE: 2000-10-30
PRIOR PELING DATE: 2000-10-30
PRIOR APPLICATION NUMBER: JP2000-112699
PRIOR PILING DATE: 2000-04-13
PRIOR FILING DATE: 2002-09-28
PRIOR FLING DATE: 2002-09-28
PRIOR APPLICATION NUMBER: JP2002-327516
                                                                               Sequence 10528, Application US/10674124A Publication No. US20040197797A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-674-124A-5849/c
Sequence 5849, Application US/10674124A
; Publication No. US20040197797A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
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nes 36; Conserva
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Matches
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                                                                                                                                                                                                                                              FEATURE:
CTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of
OTHER INFORMATION: Sequence listing upward to telomere on chrosomal short arm and
COTHER INFORMATION: 5'-terminus of this base sequence: 8250
US-10-674-124A-10989
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                                                                                                                                                              Distance between a terminus base of telomere on chromosomal short arm and 5'-terminus of this base sequence : 139133452
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Distance between a terminus base of telomere on OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base OTHER INFORMATION: sequence : 92526052
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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APPLICANT: INTOGRATION:
TITLE OF INVENTION: GENERAL MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENERAL POLYMORPHISM MARKERS
TITLE OF INVENTION: GENERIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-04-13
PRIOR FILING DATE: 2000-04-13
PRIOR PLING DATE: 2000-04-13
PRIOR PLING DATE: 2000-06-30
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR PLING DATE: 2002-09-28
PRIOR PLING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 68.2%; Score 34.8; DB 18; Length 250; Best Local Similarity 94.7%; Pred. No. 0.016; Matches 36; Conservative 0; Mismatches 2; Indels 0
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Pred. No. 0.016;
0; Mismatches 2; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         209 TCTCTTTCTGTACACACACACACACACACACACACA 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5 TCTCTTTCTTTACACACACACACACACACACACAAA 42
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                                                                                                         OTHER INFORMATION: Located on chromosome 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 19062, Application US/10674124A; Publication No. US20040197797A1; GENERAL INFORMATION:
                                                  OTHER INFORMATION: AL021408.1 116125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: DISO7_10000128
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ilarity 94.7%;
Conservative
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ORGANISM: Homo sapiens
FEATURE:
ORGANISM: Homo sapiens
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Best Local Similarity
Lag 36; Conserv
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OTHER INFORMATION:
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OTHER INFORMATION: Distance between a terminus base of telomere on OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base OTHER INFORMATION: sequence: 92443605
FEATURE:
OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of OTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and OTHER INFORMATION: 5'-terminus of this base sequence: 6163
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; GENERAL INFORMATION:

APPLICANT: INFORMATION:
APPLICANT: TAMIYA, Geno
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT FILING DATE: 2003-09-26
FRIOR APPLICATION NUMBER: 10/257,511
FRIOR PLING DATE: 2003-09-26
FRIOR PLING DATE: 2000-10-30
FRIOR PLING DATE: 2000-04-13
FRIOR PLING DATE: 2000-04-13
FRIOR PLING DATE: 2000-04-13
FRIOR FILING DATE: 2002-09-28
FRIOR FILING DATE: 2002-09-28
FRIOR FILING DATE: 2002-09-28
FRIOR FILING DATE: 2002-09-28
FRIOR FILING DATE: 2002-12-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: INOKO, Hidetoshi
APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION UNDRER: US/10/674,124A
CURRENT PILING DATE: 2003-09-26
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5 TCTCTTTCTTTACACACACACACACACACACAAA
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Best Local Similarity 84.8
Matches 39; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of OTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and; OTHER INFORMATION: 5'-terminus of this base sequence: 10077
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PEATURE:
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| APPLICANT: INOXO, Hidecoshi
| APPLICANT: TAMIYA, Gen
| TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
| TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
| FILE REFERENCE: ORIN-003CIP
| CURRENT APPLICATION NUMBER: US/10/674,124A
| CURRENT FILING DATE: 2003-09-26
| PRIOR APPLICATION NUMBER: 10/257,511
| PRIOR APPLICATION NUMBER: PCT/JP00/07621
| PRIOR APPLICATION NUMBER: DC00-01-030
| PRIOR FILING DATE: 2000-10-30
| PRIOR FILING DATE: 2000-04-13
| PRIOR FILING DATE: 2000-04-13
| PRIOR FILING DATE: 2002-09-28
| PRIOR FILING DATE: 2003-12-09
| NUMBER OF SEQ ID NOS: 27110
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94.7%; Pred. No. 0.017;
iive 0; Mismatches 2;
                                                                                                                                                                                                                                                       OTHER INFORMATION: Located on chromosome 3 FEATURE:
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FEATURE:
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; Publication No. US20040197797A1
; GENERAL INFORMATION:
                                                                                                                                                                                          OTHER INFORMATION: AC068429.1_71890 FEATURE:
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
SEQ ID NO 5849
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 84.8<sup>†</sup>
Matches 39; Conservative
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Best Local Similarity 94.7
Matches 36; Conservative
                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                       LENGTH: 357
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                                                                                                                                                                        FEATURE:
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OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of OTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and COTHER INFORMATION: 5'-terminus of this base sequence : 48595
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.123
CURRENT PELLOGATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR PELLOGATION NUMBER: US 60/218,006
PRIOR PAPLICATION NUMBER: US 60/198,676
PRIOR PELLOGATE: 2000-07-12
PRIOR PELLOGATION NUMBER: US 60/198,676
PRIOR PELLOGATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
                                                                                                                                                                                                                                                                                                         APPLICANT: LANGE, ILLEGOBBLIA
APPLICANT: TAMITA, GEN
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OP INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION UNDBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR PELING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR PILING DATE: 2000-10-30
PRIOR PILING DATE: 2000-04-13
PRIOR PLING DATE: 2000-04-13
PRIOR PLING DATE: 2002-09-28
PRIOR PLING DATE: 2002-09-28
PRIOR APPLICATION NUMBER: JP2002-383869
PRIOR PLING DATE: 2002-12-09
PRIOR PLING DATE: 2002-12-09
PRIOR PLING DATE: 2002-12-09
PRIOR PLING DATE: 2002-12-09
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116 rererrergiacacacacacacacacacacacaca 153
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84.8%; Pred. No. 0.017;
iive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: chrll.fa.O7frz.27297431
                                                                                                                                              US-10-674-124A-17215
; Sequence 17215, Application US/10674124A
; Publication No. US20040197797A1
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Publication No. US20020198371A1
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Gaps

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Query Match 68.2%; Score 34.8; DB 10; Length 96649; Best Local Similarity 94.7%; Pred. No. 0.047; Matches 36; Conservative 0; Mismatches 2; Indels 0;
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Publication No. US20040029277A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
FILE REFERENCE: RTS-0326
CURRENT APPLICATION NUMBER: US/10/633,913
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR APPLICATION NUMBER: US/09/956,712
PRIOR FILING DATE: 2001-09-19
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 10
LENGTH: 96649
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-956-712-10/c
; Sequence 10, Application US/09956712
; Sequence 10, Application US/09956712
; Publication No. US20030092648A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NAC EXPRESSION
; FILE REFERENCE: RTS-0326
; CURRENT FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 10
; LENGTH: 96649
   APPLICANT: Marc S. Malandro
TITLE OF INVENTION: Novel Compositions and Methods in Cancer
FILE REPERENCE: 5294520010 NOVEL
CURRENT APPLICATION NUMBER: US/10/322,281
CURRENT FILING DATE: 2002-12-17
NUMBER: OF SEQ ID NOS: 866
SOFTWARE: FREISEQ for Windows Version 4.0
SEQ ID NO 667
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LOCATION: (1)...(96649)
COTHER INFORMATION: n = A,T,C or G
US-09-956-712-10
                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Mus musculus
US-10-322-281-667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
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                                                                                                                                                                                                                                                                LENGTH: 23503
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 10827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT PILING DATE: 2002-04-30
FRIOR PELING DATE: 2000-07-12
FRIOR PELING DATE: 2000-07-20
FRIOR PILING DATE: 2000-04-20
FRIOR PILING DATE: 2000-04-20
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 2000-03-24
FRIOR PILING DATE: 2000-02-4
FRIOR PILING DATE: 2000-02-4
FRIOR PILING DATE: 1999-11-23
FRIOR PILING DATE: 1999-11-23
FRIOR APPLICATION NUMBER: US 60/156,358
FRIOR PILING DATE: 1999-09-28
FRIOR PILING DATE: 1999-09-28
FRIOR PILING DATE: 1999-09-28
FRIOR PILING DATE: 1999-08-09
FRIOR FILING DATE: 1999-08-09
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Pred. No. 0.018;
0; Mismatches 2; Indels 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR PILING DATE: 1099-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-09-8
PRIOR FILING DATE: 1999-09-09
PRIOR FILING DATE: 1999-09-09
SOFTWARE: PASESEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 180561
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 180561, Application US/10027632; Publication No. US20030204075A9; GENERAL INFORMATION:
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94.7%;
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Best Local Similarity 94.7°
Matches 36; Conservative
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US-10-027-632-180561
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US-10-027-632-180561
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US-10-322-281-667/c
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RESULT 48
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0.048;
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APPLICANT: INOKO, Hidetoshi
APPLICANT: TAMITYA, Gen
TITLE OF INVENTION: GENERIC POLYMORPHISM MARKERS
TITLE OF INVENTION: GENERIC POLYMORPHISM MARKERS;
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: 10/25/,511
PRIOR FILING DATE: 2003-09-26
PRIOR PLICATION NUMBER: 10/25/,511
PRIOR PLICATION NUMBER: 10/25/,511
PRIOR PLILING DATE: 2000-01-0-30
PRIOR PLILING DATE: 2000-04-13
PRIOR PLILING DATE: 2000-04-13
PRIOR PLILING DATE: 2000-04-13
PRIOR PLILING DATE: 2000-04-13
PRIOR PLILING DATE: 2002-09-28
PRIOR PLILING DATE: 2002-09-28
PRIOR PLILING DATE: 2002-01-20
                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: David W. Morris
APPLICANT: David W. Morris
APPLICANT: Marc S. Malandro
TITLE OF INVENTION: Novel Compositions and Methods in Cancer
FILE REPERENCE: 29452001000
CURRENT APPLICATION NUMBER: US/10/322,281
CURRENT FILING DATE: 2002-12-17
NUMBER OF SEQ ID NOS: 866
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                      Query Match 68.2%; Score 34.8; DB 17;
Best Local Similarity 94.7%; Pred. No. 0.047;
Matches 36; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                 US-10-322-281-656/c
; Sequence 556, Application US/10322281
; Publication No. US20040126762A1
; GENERAL INFORMATION:
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; OTHER INFORMATION: n = A,T,C or G
US-10-322-281-656
                 ; OTHER INFORMATION: n = A, T, C or G
US-10-633-913-10
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Best Local Similarity 94.7%
Matches 36; Conservative
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SEQ ID NO 4263
  (96649)
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ORGANISM: Homo sapiens
FEATURE:
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ORGANISM: Homo sapiens
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LOCATION: (1)
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OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of OTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and OTHER INFORMATION: 5'-terminus of this base sequence : 155446
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                                                                                                                                             OTHER INFORMATION: Distance between a terminus base of telomere on OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base OTHER INFORMATION: sequence : 214894601
FEATURE:
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TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT APPLICATION NUMBER: US/27,511
PRIOR APPLICATION NUMBER: U0/27,511
PRIOR FILING DATE: 2003-03-07
PRIOR FILING DATE: 2003-03-07
PRIOR FILING DATE: 2000-04-13
PRIOR PLICATION NUMBER: JP2000-112699
PRIOR PLICATION NUMBER: JP2000-112699
PRIOR PLICATION NUMBER: JP2000-12699
PRIOR PLICATION NUMBER: JP2000-12699
PRIOR PLICATION NUMBER: JP2000-12699
PRIOR PLICATION NUMBER: JP2002-327516
PRIOR PLICATION NUMBER: JP2002-327516
PRIOR PLICATION NUMBER: JP2002-928
PRIOR PLICATION NUMBER: JP2002-93869
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                                                                          OTHER INFORMATION: Located on chromosome 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 26523, Application US/10674124A Publication No. US20040197797A1 GENERAL INFORMATION:
OTHER INFORMATION: DISD22 0002258
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Best Local Similarity 90.2
Matches 37; Conservative
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OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of CTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and; OTHER INFORMATION: 5'-terminus of this base sequence : -211
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                                                                                                                                                                                                             Distance between a terminus base of telomere on chromosomal short arm and 5'-terminus of this base
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TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR PLICATION NUMBER: PCT/JP00/07621
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR PLING DATE: 2000-04-13
PRIOR PLING DATE: 2000-04-13
PRIOR PLING DATE: 2000-04-13
PRIOR PLING DATE: 2002-03-08
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR PRING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       67.8%; Score 34.6; DB 18; Length 266; 90.2%; Pred. No. 0.019; ive 0; Mismatches 4; Indels 0;
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                                                                                                                                                       OTHER INFORMATION: Located on chromosome 16 FEATURE:
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                                                                                                                                                                                                    OTHER INFORMATION: Distance between a OTHER INFORMATION: chromosomal short a OTHER INFORMATION: sequence : 5172020 PEATURE:
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                                                                                           OTHER INFORMATION: D16S3027
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Matches 37; Conservative
      TYPE: DNA
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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OTHER INFORMATION:
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US-10-674-124A-22328
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APPLICANT: TAMIYA, Gen
APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR APPLICATION NUMBER: JP2000-112699
PRIOR RILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-04-13
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
                                                                                                              TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFRENCE: ORIN' GENETIC POLYMORPHISM MARKERS
FILE REFRENCE: ORIN' 0.03CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT APPLICATION NUMBER: US/257,511
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR PILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR APPLICATION NUMBER: D2000-112699
PRIOR PILING DATE: 2000-04-13
PRIOR PILING DATE: 2002-09-28
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Sequence 21764, Application US/10674124A
Publication No. US20040197797A1
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OTHER INFORMATION: AC005736.1_140838
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SEQ ID NO 21764
LENGTH: 238
                                                                        APPLICANT: INOKO, Hidetoshi
APPLICANT: TAMIYA Con
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Best Local Similarity 90.2
Matches 37; Conservative
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                                                               GENERAL INFORMATION:
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56 1 US-08-222-177A-307 Sequence 39, 56 4 US-09-513-999C-35184 Sequence 51, 57 1 US-08-222-177A-394 Sequence 51, 57 1 US-08-222-177A-128 Sequence 51, 57 1 US-08-222-177A-128 Sequence 51, 57 1 US-08-222-177A-128 Sequence 51, 56 1 US-08-222-177A-244 Sequence 51, 56 1 US-08-222-177A-244 Sequence 51, 56 1 US-08-222-177A-244 Sequence 51, 56 1 US-08-222-177A-144 Sequence 51, 56 1 US-08-222-177A-131 Sequence 51, 56 1 US-08-222-177A-131 Sequence 51, 56 1 US-08-222-177A-131 Sequence 51, 56 1 US-08-222-177A-134 Sequence 51, 56 1 US-08-213-199C-21937 Sequence 51, 56 1 US-08-513-999C-21937 Seq	4 US-09-890-848-7 4 US-09-513-999C-22374 5 Gequence 22374, 6 US-09-513-999C-16050 6 US-09-513-999C-16050 7 US-09-513-999C-2360 7 US-09-513-999C-2360 7 US-09-513-999C-2360 7 US-09-513-999C-2364 7 US-09-513-999C-2364 7 US-09-513-999C-3664 7 US-08-545-196B-16 7 US-08-545-196B-16 7 US-08-545-196B-16 7 US-08-522-177A-18 7 US-08-222-177A-18 7 US-08-222-177A-18 7 US-08-232-177A-19 7 US-08-931-139B-31 7 US-08-232-177A-19
56 1 US-08-222-177A-307 Sequence 39, 56 4 US-09-513-999C-35184 Sequence 51, 57 1 US-08-222-177A-394 Sequence 51, 57 1 US-08-222-177A-128 Sequence 51, 57 1 US-08-222-177A-128 Sequence 51, 57 1 US-08-222-177A-128 Sequence 51, 56 1 US-08-222-177A-244 Sequence 51, 56 1 US-08-222-177A-244 Sequence 51, 56 1 US-08-222-177A-244 Sequence 51, 56 1 US-08-222-177A-144 Sequence 51, 56 1 US-08-222-177A-131 Sequence 51, 56 1 US-08-222-177A-131 Sequence 51, 56 1 US-08-222-177A-131 Sequence 51, 56 1 US-08-222-177A-134 Sequence 51, 56 1 US-08-213-199C-21937 Sequence 51, 56 1 US-08-513-999C-21937 Seq	100.0 132 4 US-09-890-848-7 100.0 133 4 US-09-513-999C-22374 100.0 133 4 US-09-513-999C-22374 100.0 134 4 US-09-513-999C-16050 100.0 135 4 US-09-513-999C-16050 100.0 136 4 US-09-513-999C-2366 100.0 136 4 US-09-513-999C-2366 100.0 136 4 US-09-513-999C-2366 100.0 141 3 US-08-513-999C-2664 100.0 141 3 US-08-513-999C-2664 100.0 141 4 US-09-513-999C-2664 100.0 141 4 US-09-513-999C-16378 100.0 141 4 US-09-513-999C-16378 100.0 143 1 US-08-22-177A-18 100.0 144 4 US-09-213-999C-8698 100.0 154 4 US-09-213-999C-80928 100.0 155 1 US-08-22-177A-19 100.0 156 4 US-09-22-177A-19 100.0 157 4 US-09-22-177A-19 100.0 158 1 US-08-22-177A-19 100.0 159 4 US-09-22-177A-19 100.0 159 4 US-09-22-177A-19

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66 24 100.0 487 5 PCT-US96-06583-108 Sequence 108, App 67 24 100.0 489 1 US-08-599-252-93 Sequence 93, Appl 68 24 100.0 489 5 PCT-US96-06352-93 Sequence 93, Appl 69 24 100.0 489 5 PCT-US96-06583-93 Sequence 93, Appl 70 24 100.0 494 4 INS-03-2785-364 Sequence 25, Appl	24 100.0 494 4 US-09-949-016-42234 Sequence	24 100.0 494 4 US-09-949-016-42301 Sequence 24 100.0 495 4 US-09-232-785-299 Sequence	24 100.0 497 4 US-09-949-016-105924 Sequence	24 100.0 498 4 US-09-232-785-303 Sequence	24 100.0 500 4 US-09-827-998-49 Sequence	24 100.0 500 4 US-09-827-998-52 Sequence	24 100.0 500 4 US-09-866-108A-15744 Sequence	24 100.0 504 4 US-09-232-785-308 Sequence	24 100.0 505 4 US-09-232-785-307 Sequence	24 100.0 507 4 US-09-949-016-60074 Sequence	24 100.0 509 4 US-09-949-UI6-58931 Sequence	24 100.0 314 4 03-03-232-703-203 304400100 34 100.0 514 4 118-09-332-785-341 Segmente	24 100.0 521 4 US-09-232-785-305 Sequence	24 100.0 521 4 US-09-232-785-313 Sequence	24 100.0 524 4 US-09-513-999C-10663 Sequence	24 100.0 527 4 US-09-232-785-317 Sequence	24 100.0 527 4 US-09-232-785-345 Sequence	24 100.0 531 4 US-09-509-712B-6 Sequence	24 100.0 534 1 US-08-599-252-101 Sequence	24 100.0 334 3 FCI-0336-06332-101 Sequence	24 100.0 538 4 HS-09-495-0508-101 Sequence	24 100.0 538 4 US-09-232-785-331 Sequence	24 100.0 540 4 US-09-220-132-125 Sequence	24 100.0 541 4 US-09-232-785-301 Sequence	24 100.0 543 4 US-08-585-593A-45 Sequence	24 IUU.U 545 I US-U8-599-252-86 Sequence		ALIGNMENTS			752-00-11 11 113-08-12 11773-445	quence 445, Application US/08222177A	Patent No. 5582979	ENERAL INFORMATION:	AFFLICANT: Webet, James L. Titals OF INVENTION: LENGTH POLYMORPHISMS IN	TITLE OF INVENTION: (dC-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME	NUMBER OF SEQUENCES: 460	. 10	AUDABABE DEFILE NOS & SECTIONS STREET 8000 Excelsior Drive. Suite 401	•	STATE: Wisconsin	COUNTRY: USA	AIF: 32.1.1-1914 COMPUTER PERDARIE FORM.	MEDIUM TYPE: Flooby disk	COMPUTER: IBM PC compatible		SOFTWARE: Patentin Release #1.0, Version #1.25	CURKENT AFFILCATION DAILS: APPLICATION NUMBER: US/08/222.177A	FILING DATE:	CLASSIFICATION: 435	PRIOR APPLICATION DATA:	AFFILLATION NUMBER: 05 0/341,502 FTI:NG DATE: 21-APR-1969	ATTORNEY/AGENT INFORMATION:	NAME: Sara, Charles S.	REGISTRATION NUMBER: 30,492	REFERENCE/DOCKET NUMBER: 09865.601
equence 14738, A equence 14351, A equence 8, Appli equence 322, App	Sequence 320, App	23734, A 338, App	sence 344, App	15022, A	equence 312, App	e 335, App	567, App	106, App	339, App	106, App	equence 106, App	323, APP			e 286, App	47, Appl	47, Appl	e 318, App	Oυ	e 304, App	318, APP	e 268. App	e 311, App	ø	o o	-	o o	ø	ience 79, Appl	79, Appl		e 79, Appl	79, Appl	79, Appl	equence /9, Appl ;	Sequence 324, App	lence 21443, A ;	o o	equence 200, App	ø		o ·		e 20. Appl	e 20, Appl	e 20, Appl ;	e 20, Appl	equence 20, Appl	e 13982, A	se 5803, Ap	21085, A		ט נ	9	Φ	a)
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Sequence 146, Application US/08222177A

Patent No. 5582979

CENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: (GC-dA)n. (GG-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
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APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTOMNES SARA, CHARLES S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUBBER: 09865.601
TELEPHONE: (608) 831-2100
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                 INFORMATION FOR SEQ ID NO: 445: SEQUENCE CHARACTERISTICS: LENGTH: 24 base pairs TYPE: nucleic acid STRANDEDNESS: double
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: (608) 831-2100
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Best Local Similarity 100.0
Matches 24; Conservative
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LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                     Query Match
Best Local Similarity
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                                                                                                                                                                                 US-08-222-177A-445
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TELEPHONE:
TELEPAX: (
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GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
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Sequence 23, Application US/08455627
Patent No. 5571677
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
TITLE OF INVENTION: Connected Macromolecular Structures
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,966
REERENCE/DOCKET NUMBER: LYNX-003/01 US
TELEPHONE: 415-843-5000
TELEPHONE: 415-843-5000
TELEPHONE: 415-87-0663
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 27 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ch 100.0%; Score 24; DB 1 Similarity 100.0%; Pred. No. 0.2 24; Conservative 0; Mismatches
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8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                               STREET: Five Palo Alto Square, 300 CITY: Palo Alto Square, 300 CITY: Palo Alto Square, 300 STATE: California COUNTRY: USA ZIP: 94306-2155 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible COMPUTER: IBM PC COMPATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CACACACACACACACACACACA 24
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ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: FIOPPY disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity
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CITY: Madison
STATE: Wisconsin
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Gaps

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1 CACACACACACACACACACA 24

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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                              Query Match
Best Local Similarity 100.0
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Best Local Similarity 100.0
Matches 24, Conservative
SEQUENCE CHARACTERISTICS:
                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLTY: Madison
STATE: Wisconsin
COUNTR: USA
                                                                               linear
                                                                             TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE
                                                                                                                                                                                                                                                                                                                                                                 US-08-787-321-23
                                                                                                      ; MOLECULE TY
US-08-689-856-23
                      LENGIH:
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Patent No. 5830658
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Convergent Synthesis of Branched and TITLE OF INVENTION: Connected Macromolecular Structures NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,856
              SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
100.0%; Score 24; DB
Best Local Similarity, 100.0%; Pred. No. 0.2
Matches 24; Conservative 0; Mismatches
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ER: LYNX-003/01 US
                                                                         FILING DATE:
CLASIFICATION: 435
PRIOR APPLICATION 1935
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Clarles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: NAKAMINIAN JACKIE NAKAMINIAN:
RECISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: 15,966
TELEFRAM: 415-843-5000
TELEFRAM: 415-843-5000
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                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 143: SEQUENCE CHARACTERISTICS: LENGTH: 27 base pairs TYPE: nucleic acid STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
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STATE: California
COUNTRY: USA
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US-08-222-177A-143
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GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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100.0%; Score 24; DB 2; Length 27; 100.0%; Pred. No. 0.27; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: HOMBS
TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
FILE REPERENCE: (1300)-1199.002
CURRENT APPLICATION NUMBER: US/08/787,321A
CURRENT FILING DATE: 1997-01-03
EARLIER APPLICATION NUMBER: US PROV 60/009,918
EARLIER FILING DATE: 1996-01-12
NUMBER OF SEQ ID NOS: 27
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 23
LENGTH: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence: ; OTHER INFORMATION: oligonucleotide US-08-787-321-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BE PROSPY disk
COMPUTER: DEP PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
COFTWARE: PATEATIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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; Sequence 451, Application US/08222177A
; Patent No. 5582979
                                                                                                                                                                                                                                                                                            Sequence 23, Application US/08787321A Patent No. 6180777 GENERAL INFORMATION:
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Patent NO. 300001.
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Weber, James L.
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-dx)n.(dd-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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  Gaps
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0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25
  0; Mismatches
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PLIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
APTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09665.601
TELECHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
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                                                                                                                                                                        5.08-222-177A-80
Sequence 80, Application US/08222177A
Patent No. 5582979
                                           1 CACACACACACACACACACA
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ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic);
IMMEDIATE SOURCE;
ICLORE: mfdlors
US-08-222-177A-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
    24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
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    Matches
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Sequence 25, Application US/08455627
GENERAL INFORMAT
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply.
TITLE OF INVENTION: Connected Macromolecular Structures
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
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Pred. No. 0.27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 24; DB 1; Length 28; 100.0%; Pred. No. 0.27;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
CITY: Palo Alto
CSTATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-AFR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFENCE/DOCKET NUMBER: 09665.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 CACACACACACACACACACACA 24
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FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INPORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,966
REFRENCE/DOCKET NUMBER: LYNX
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%;
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                                                                                                                                                                                                                     TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 29 nucleotides
                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic accid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             24; Conservative
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    CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
Matches 24; Conserve
                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: 11:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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DNA (genomic)
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
EDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Madison
STATE: Wisconsin
COUNTRY: USA
                                                                                                                                                                                                                                                           TOPOLOGY: linear;
MOLECULE TYPE: DNA
US-08-689-856-25
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; IMMEDIATE SOURCE:
; CLONE: mfd118rs
US-08-222-177A-373
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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US-08-222-177A-373
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Patent No. 5830658
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
TITLE OF INVENTION: Connected Macromolecular Structures
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 24; DB 1; Length 29; 100.0%; Pred. No. 0.27;
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                                                                        COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,856
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3: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NDATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
TELECHONE: (608) 831-2100
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 94306-2155
COMPUTER READABLE FORM:
CMEDIUM TYPE: Floppy disk
CMEDUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd65r8
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Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                          Wisconsin
                                 CITY: Madison
STATE: Wiscons
                                                                                                                                                                                                                                                             FILING DATE:
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  ADDRESSEE:
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### FILING DATE: 31-MAY-1995
### ATTORNAY AGRAT HANDARATION:
### MANNE: MARAMATER, 31-MAY-1995
### REGISTRATION WINDER: 35,96
### REGISTRATION WINDER: 36,96
### REGISTRATION WINDER: 30,93
### REGISTRATION WINDER: 30,9
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Sequence 15, Application US/08222177A

Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 235, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
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100.0%; Score 24; DB 1; Length 30; ilarity 100.0%; Pred. No. 0.27; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 33171-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATR:
APPLICATION NUMBER: US/08/222,177A
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100.0%; Pred. No. 0.27;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDERR: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
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                                                                                                              2 CACACACACACACACACACA 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (608) 831-210
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
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Best Local Similarity
                     Local Similarity
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CLONE: mfd57rs
                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
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                                         24;
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Query Match
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                                           Matches
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Sequence 271, Application US/0822177A
Patent No. 5882979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
APPLICANT: Weber, James L.
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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                                                                                                                                                                                                                                    SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25
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                                      B: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 24;
100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 435
FILING DATE:
APPLICATION 1435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFENCE/POCKET NUMBER: 09865.601
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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APPLICATION NUMBER: US/08/222,177A
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                  STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IRP PC COMPALIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 235: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (608) 831-2106
TELEX:
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Best Local Similarity 100.
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  31 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: double
                 CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ro
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                  OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Wisconsin
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
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                                                                                   Madison
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CLASSIFICATION: 435

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MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    nucleic acid
EDNESS: double
                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Madison
STATE: Wisconsin
COUNTRY: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 53717-1914
                   ; IMMEDIATE SOURCE:
; CLONE: mfd55rs
US-08-222-177A-210
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US-08-222-177A-376
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Patent No. 5582979

GENERAL INPORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Rose & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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100.0%; Pred. No. 0.2
tive 0; Mismatches
                 APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/POCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 CACACACACACACACACACA 25
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CACACACACACACACACACACA 24
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ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CTONE: mfd79rs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 base pairs
LYPE: nucleic accid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Madison
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-222-177A-210
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Sequence 376 Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber: James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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                                                          Gaps
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cch 100.0%; Score 24; DB 1; Length 32; al Similarity 100.0%; Pred. No. 0.27; 24; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INPORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELEPHONE: (608) 831-2100
                                                                                                                                           2 CACACACACACACACACACACA 25
                                                                                                           1 CACACACACACACACACACACA 24
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WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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US-08-222-177A-59
; Sequence 59, Application US/08222177A
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IMMEDIATE SOURCE:
CLONE: mfd119rs
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US-08-222-177A-110

Sequence 110, Application US/08222177A

Sequence 110, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dG-dT)n. (dG-dT)n. SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 24; DB 1; Length 33; 100.0%; Pred. No. 0.27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
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ZIP: 53717-1914

ZIP: 53717-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/222,177A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTATION NUMBER: 30,492
REFERRICE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CACACACACACACACACACA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic);
inmEDIATE SOURCE:
inclone: mfd58rs
US-08-222-177A-218
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TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                   TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                  TELEX:
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Madison
STATE: Wisconsin
COUNTRY: USA
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Sequence 218, Application US/08222177A
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Rose & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
                                  GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dd-dt)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                            ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 24; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENY INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
TELEFAX: (608) 831-2106
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ZIP: 53717-1914
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
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STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Wisconsin . USA
                                                                                                                                                                                                                                                 STATE: Wisconsin
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                                                                                                                                                                                                                           CITY: Madison
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            ; Patent No. 5582979
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Best Local S
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Gaps

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100.0%; Score 24; DE 100.0%; Pred. No. 0.2; ive 0; Mismatches
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8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                        ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
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                                                                                                                                                                                                                                                                                                                     COUNTRY: USH
ZIP: 53717-1914

ZIP: 53717-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: PC-DOSY MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 180:
SEQUENCE CHARACTERISTICS:
LENGTH: 34 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; MOLECULE TYPE: DNA (genomic); IMMEDIATE SOURCE:
; CLONE: mfd44rs
US-08-222-177A-180
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Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                                                                                                                                                              CITY: Madison
STATE: Wisconsin
COUNTRY: USA
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                                                           US-08-222-177A-180
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COUNTRY:
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Sequence 172, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:
TITLE OF INVENTION: (dC-dA) n. (dG-dT) n. SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsion Drive, Suite 401

CITY: Madison
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                                                                                                                                                                                               100.0%; Score 24; DB 1; Length 34; 100.0%; Pred. No. 0.28; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 53717-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,117A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION 19435
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                        2 CACACACACACACACACACA 25
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                  LENGTH: 34 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLGGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 172: SEQUENCE CHARACTERISTICS: LENGTH: 34 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
E: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (608) 831-2100
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                                                                                                                                                                                               Query Match
Best Local Similarity 100.0
Matches 24; Conservative
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Wisconsin : USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE:
CLONE: mfd41rs
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                                                                                                                                     ; CLONE: mfd:
US-08-222-177A-110
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Sequence 180, Application US/0822177A
Patent No. 5582979
GENERAL INPORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE. Dewitt Ross & Stevens, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 192 Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: LIMP PC COMPATIONE
CORPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FRIOR APPLICATION NUMBER: US 07/341,562
FRICH DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REGISTRATION NUMBER: 09865.601
TELECOMMULCATION INFORMATION:
TELECOMMULCATION INFORMATION:
TELECOMMULCATION INFORMATION:
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100.0%; Score 24; DB 1; 100.0%; Pred. No. 0.28;
        TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%;
                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd101rs
US-08-222-177A-322
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                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 35 base pairs
TYPE: nucleic acid
                                                                                                              INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 34 bases pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
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CLONE: mfd9rs
US-08-222-177A-77
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Patent No. 5829579
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (GC-dA)n.(GG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
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ZIP: 53717-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPTONER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: A35
PRIOR PAPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
PILING DATE: 21-APR-1989
ATTONREY/AGENT INPOMMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/POCKET UNBER: 30,492
REFERENCE/POCKET UNBER: 30,492
REGISTRATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 53777-1914
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 09865.601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 192: SEQUENCE CHARACTERISTICS: LENGTH: 34 base pairs TYPE: mucleic acid STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Madison
STATE: Wisconsin
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% Sequence 77, Application US/08222177A

Sequence 77, Application US/08222177A

Sequence 77, Application US/08222177A

Sequence 77, Application US/08222177A

Sequence 77, Application US/0822177A

Sequence 77, Application US/0822177A

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (GC-dA)n.(GG-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
                                                      ö
                                                         Gaps
                                                         ..
0
Score 24; DB 1; Length 34;
Pred. No. 0.28;
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                                                      0; Indels
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CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/222,177A

FILING DATE:

CLASSIFICATION TO 435

PROGRAPHICATION NUMBER: US/03/341,562

PILING APPLICATION DATE:

APPLICATION NUMBER: US 07/341,562

ATTONNEY/AGENT INFORMATION:

NAME: SATA, Charles S.

REGISTRATION NUMBER: 30,492

REGISTRATION NUMBER: 30,492

REGISTRATION NUMBER: 09865.601

TELEPHONE: (608) 831-2100:
                                                      0; Mismatches
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ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
SOFFWARE: PatentIn Release #1.0, N
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ADDALL
STREET: BULL
TTTY: Madison
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CLONE: mfd18rs
                                                                                Madison
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                                                                                                                  STATE: W.
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104
108-08-22-2177A-104
108-08-22-177A
108-22-2177A
108-22-217A
108-22-21
                                                                                                                                                                                                                                                                                                                                                        Sequence 189, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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Indels
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COUNTRY: USA
ZIP: 5317-1914
COMPUTER: USA
COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 24; DB
Best Local Similarity 100.0%; Pred. No. 0.2
Matches 24; Conservative 0; Mismatches
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATE: 07/341,562
FILING DATE: 21-APR-1989
ATORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30.492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONICATION INFORMATION:
TELECHONE: (608) 831-2100
TELECHONE: (608) 831-2106
                                                                            1 CACACACACACACACACACACA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd47rs
24; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-222-177A-189
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Matches
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US-08-222-177A-358

Sequence 358, Application US/08222177A

Sequence 358, Application US/08222177A

Patent NO. 5582979

GENERAL INFORMATION:

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewitt Ross & Stevens, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
3: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDBER: 07/341,562
APTILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REPERRORE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
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                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (608) 831-210
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 36 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Magisc...
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
                                                                         Wisconsin
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ZIP: 53717-1914
COMPUTER READABLE FORM:
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STATE: Wisconsin
COUNTRY: USA
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  ; CLONE: mfd30rs
US-08-222,177A-140
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PARENT NO. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 24; DB 1; Length 36; 100.0%; Pred. No. 0.28; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STATE: Wisconsin
COUNTRY: USA
ZIP: 5317-1914
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles 5.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
                                                                               09865.601
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                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 358:
SEQUENCE CHARACTERISTICS:
LENGTH: 36 base pairs
TYPE: nucleic acid
STRANBEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFRENCE/POCKET NUMBER: 0986
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 base pairs
                                                                                                                                                                                                                                                                   linear
PE: DNA (genomic)
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                                                                                                                                    TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 100.0
Matches 24; Conservative
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EDNESS: double
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                                                                                                                                                                                                                                                                                                                IMMEDIATE SOURCE:
CLONE: mfd113rs
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US-08-222-177A-140
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Sequence 68, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
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Ouery Match 100.0%; Score 24; DB 1; Length 37; Best Local Similarity 100.0%; Pred. No. 0.28; Matches 24; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA. CHARLES S.
REGISTRATION NUMBER: 30,492
REPERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
TELECHONE: (608) 831-2100
                                                                                                 1 CACACACACACACACACACACA 24
                                                                                                                                            2 CACACACACACACACACACACA 25
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; Sequence 198, Application US/08222177A
; Sequence 198, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic);
inmediate SOURCE:
i CLONE: mfd6re
US-08-222-1171A-68
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SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.(
Matches 24; Conservative
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APPLICATION NUMBER: US/08/222,177A FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (608) 831-2100
                                                                                                                                                                                                                                                                TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (608) 831-21
TELEFAX: (608) 831-2106
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SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        24; Conservative
                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 base pairs
                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nucleic acid
EDNESS: double
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STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
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Patent No. 5582979

GENERAL INFORMATION:
APPLICANT: Weber, James L.
ATITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                    TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
100.0%; Score 24; DB 1;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 24; Conservative 0; Mismatches
                                                                                                          ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
RHIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara. Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             09865.601
                                                                                                                                                                     STATE: Wisconsin
COUNTRY: USA
ZIP: 3317-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CACACACACACACACACACACA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfdSors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: : SEQUENCE CHARACTERISTICS: LENGTH: 38 base pairs TYPE: nucleic acid STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Madison
STATE: Wisconsin
                                                                                                                             STREET: 8000 E
CITY: Madison
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US-08-222-177A-137

US-08-222-177A-137

Sequence 137, Application US/08222177A

Patent No. 5582979

Patent No. 5582979

Patent No. 5582979

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dc-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewlit Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401

CITY: Madison
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 24; DB 1; Length 38; 100.0%; Pred. No. 0.28;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
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Sequence 119, Application US/08222177A
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Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n. (dc-da)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
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                                                                                                                    100.0%; Score 24; DB 1; Length 39; 100.0%; Pred. No. 0.28; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 30,492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 331:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic) IMMEDIATE SOURCE:
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd29rs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                         Best Local Similarity 100.0
Matches 24; Conservative
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EDNESS: double
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US-08-222-177A-331
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US-08-222-177A-331
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US-08-222-177A-137
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RESULT 35 US-08-222-177A-119

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Sequence.

Patent No. 5582979

GENERAL INFORMATION:
APPLICANT:
APPLICANT:
TITLE OF INVENTION: (dc-dA)n.(dd-dT)n SEQUENCES AND METHODS OF USING SAME
TITLE OF INVENTION: (dc-dA)n.(dd-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-222-1774-152

Sequence 152, Application US/08222177A

Sequence 152, Application US/08222177A

Patent No. 5582979

Patent No. 5582979

PAPLICANT: Weber, James L.

TITLE OF INVENTION: (dc-dx)n.(dg-dx)n.sequences and Methods OF USING SAME

TITLE OF INVENTION: (dc-dx)n.(dg-dx)n.sequences and Methods OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSER: DGMILL ROBE & SLEVENS, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 53717-1914

COMPUTER READABLE FORM:
MEDIUM TYBE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DATE:
COMPUTER: DATE:
COMPUTER: OBJECT OF COMPATION OF CO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               8: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/341,562
APLING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CACACACACACACACACACA 24
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ZIE: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: FIOPPY disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 119:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: DNA (genomic); IMMEDIATE SOURCE:
CLONE: mfd23re
US-08-222-177A-119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE CHARACTERISTICS:
LENGTH: 40 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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0; Mismatches
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CLASAFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
RERERENCE/DOCKET NUMBER: 09865.601
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                              1 CACACACACACACACACACACA 24
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                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd42rs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (608) 831-2106
TELEX:
                                                                                                                                                                                                                                                           24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 40 base pairs
TYPE: nucleic acid
  INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                        40 base pairs
                                                    nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         double
                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Madison
STATE: Wisconsin
                                                        TYPE: nucleic
STRANDEDNESS:
TOPOLOGY: lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                            US-08-222-177A-175
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                                        LENGTH:
                                                                                                                                                                                                                                                           Matches
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Sequence 175, Application US/08222177A

Patent No. 5582979

Patent No. 5582979

TITLE OF INVENTION:

TITLE OF INVENTION:

NUMBER OF SEQUENCES: 460

CORRESPONDER ADDRESS:

CORRESPONDER ADDRESS:

ADDRESSEE: B000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 5317-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                  PatentIn Release #1.0, Version #1.25
                                                                 FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION: DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SARA, CHARLES S.
REGISTRATION NUMBER: 30,492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SARA, Charles S.
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEPHONE: (608) 831-2100
                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CACACACACACACACACACACA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12 CACACACACACACACACACACA 35
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: 09,492
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2106
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd34rs
                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-222-177A-152
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US-08-222-177A-400

Sequence 400, Application US/08222177A

Patent No. 5582979

Patent No. 5582979

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN TITLE OF INVENTION: (dc-dt)n.(dc-dt)n.8eQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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DB 1; Length 40;
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100.0%; Score 24; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRIE COMPUTER: COUNTRIE STAT7-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PALEANTIN Release #1.0, Version #1.25
100.0%; Score 24; DB 1; 100.0%; Pred. No. 0.28;
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(608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
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                               Sequence 403, Application US/08222177A

Sequence 403, Application US/08222177A

Patent No. 558279

GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: (dG-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
TITLE OF INVENTION: 460-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 74, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                 STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401 CITY: Madison STATE: Wisconsin COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 03 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SARA, CHARLES S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 CACACACACACACACACACA 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      nucleic acid
EDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-222-177A-403
RESULT 39
US-08-222-177A-403
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US-08-222-177A-74
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APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-dA)n.(dg-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ... abQL
... auureSSE:
...ureSSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                             FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
TELECHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATONREY/AGENT INFORMATION:
NAME: Sara, Charles S:
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 CACACACACACACACACACACA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 CACACACACACACACACACACA 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-222-177A-183
; Sequence 183, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
0
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IMMEDIATE SOURCE;
CLONE: mfd8re
US-08-222-177A-74
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                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: mucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.º
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           double
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US-08-222-177A-355
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APPLICANT: Weber, James L.
TITLE OF INVENTION: (GC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
TITLE OF INVENTION: (GC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DGWILL ROSS & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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                                                                                                                                                                                                                                                                                                            Gaps
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100.0%; Score 24; DB 1; Length 41;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DA PC compatible
COMPUTER: Patentin Rc-loos/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                        Query Match
100.0%; Score 24; DB 1;
Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 24; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30.492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                             CACACACACACACACACACACA 24
                                                                                                                                                                                                                                                                                                                                                    1 CACACACACACACACACACACA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 232, Application US/08222177A Patent No. 5582979
INFORMATION FOR SEQ ID NO: 183:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd45rs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic) IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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US-08-222-177A-232
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GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYWORPHISMS IN
TITLE OF INVENTION: (dc-dA)n.(dg-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
SIEET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 355, Application US/08222177A

Patent No. 5582979
GENERAL INFORMATION:
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-dA)n.(dg-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: MORE Excelsion Drive, Suite 401
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CACACACACACACACACACACA 35
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RESULT 43
US-08-222-177A-352
Sequence 352, Application US/08222177A
; Patent No. 558279
                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 0
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 41 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        nucleic acid
                                                                                                                                                                                                                                                                                                 STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                           RY: USA
53717-1914
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) MOLECULE TYPE: DN
; IMMEDIATE SOURCE:
; CLONE: mfd111rs
US-08-222-177A-352
                                                                                                                                                                                                                                                                            Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic
STRANDEDNESS:
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Gaps

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GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
TITLE OF INVENTION: Connected Macromolecular Structures
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 24; DB 1; Length 42; 100.0%; Pred. No. 0.28; cive 0; Mismatches 0; Indel8
                                                                                                                                                                                                 ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: PLOPPY disk
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
CLASSIPICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: NAKEMUTE, Jackie N.
REGISTRATION NUMBER: 135,966
REFERENCE/DOCKET NUMBER: LYNX-003/01 US
TELECPMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
TELEFAX: 415-857-0663
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 nucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 CACACACACACACACACACACA 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 53, Application US/08222177A
Patent No. 5582979
                                  Sequence 22, Application US/08455627
Patent No. 5571677
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                          CITY: Palo Alto
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: lir
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-222-177A-53
                   JS-08-455-627-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-455-627-22
                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 47
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 24; DB 3; Length 41; 100.0%; Pred. No. 0.28; tive 0; Mismatches 0; Indels
                                                     COMPOURE READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Lichter, Jay
APPLICANT: Cuido, Marco
TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/09/144,367
CURRENT FILING DATE: 1998-08-31
PRIOR PILLING DATE: 1997-09-10
NUMBER OF SEQ ID NOS: 58
SOFTWARE: FASELSEQ for Windows Version 3.0
                                                                                                                                                                                                              PLILING DATE:
CLASSIFECTION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 09865.601
TELECOMUNICATION INFORMATION:
TELECHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   10 CACACACACACACACACACA 33
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Patent No. 6432639
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic) IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: H. sapiens
US-09-144-367-46
Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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Best Local Similarity
Matches 24; Conserv
                     IY: USA
53717-1914
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           mfd111rs
                                                                                                                                                                                                   FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-222-177A-355
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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DNA (genomic)
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                                                                                                                                       Query Match
Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
STRANDEDNESS: double
                  TOPOLOGY: linear

MOLECULE TYPE: DNA

IMMEDIATE SOURCE:

CLONE: mfd62rs
US-08-222-177A-229
                      linear
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; CLONE: mfd105rs
US-08-222-177A-334
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                                                                                                                                                                                                                                                                                                                                              US-08-222-177A-334
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Sequence 229, Application US/08222177A

Patent No. 582879

RENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
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Pred. No. 0.28;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 33717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,117A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMONICATION INFORMATION:
TELECOMMONICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, ChATLES S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 CACACACACACACACACACACA 24
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SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%;
                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                     TELEFAX: (608) 831-2106
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                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                 linear
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CLONE: mfdlrs
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STATE: Wiscons
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
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Sequence 134, Application US/0822177A

Patent No. 5582979

GENERAL INFORMATION:
APPLICANT:
APPLICANT:
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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100.0%; Score 24; DB 1; Length 42; 100.0%; Pred. No. 0.28;
                                                                                                          0; Indels
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STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER: ESADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Petentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PLILING DATE:
APPLICATION NUMBER: US/08/222,177A
FILING DATE: 21-APR-1989
FILING DATE: 21-APR-1989
FILING DATE: 31-APR-1989
FILI
                                                                                                          Mismatches
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us-09-909-317-6.rni

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Sequence 340, Application US/08222177A
Sequence 340, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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Best Local Similarity 100.0%; Pred. No. 0.28;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                              STREET: 8000 EXCELBIOR DILVE, SUITE 401
CITY: Madison
STATE: Wisconsin
CONDTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATISH
COMPUTER: IBM PC COMPATISH
COMPUTER: DAFFER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INPORMATION:
NAME: SARA Charles 30,492
REGISTRATION NUMBER: 30,492
REGISTRATION NUMBER: 30,492
REGISTRATION INFORMATION:
TELEPRAK: (608) 831-2106
TELEFEXX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 340:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
INMEDIATE SOURCE:
CLONE: mfd107x8
US-08-222-177A-340
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Search completed: June 2, 2005, 07:32:24 Job time : 58.5529 secs

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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	OM nucleic - nucleic search, using sw model	Run on: June 2, 2005, 07:14:13; Search time 212.863 Seconds (without alignments) 693.114 Million cell updates/sec	Title: US-09-909-317-6 Perfect score: 24 Sequence: 1 cacacacacacacacacaca 24	Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0	Searched: 5706582 seqs, 3073711274 residues	Total number of hits satisfying chosen parameters: 11413164	Minimum DB seq length: 0 Maximum DB seq length: 200000000	Post-processing: Minimum Match 0% Titation March 100%	<b>a</b> 1	Database : Published Applications NA: 1: /cgn2_6/ptodata/2/pubma/US07_PUBCOMB.seq:* 7: /cgn2_6/prodata/2/pubma/DFT NEW DITE cac:*	7: /cgnz_6/prodata/2/pubpna/USO6_NEW PUB.seq:* 3: /cgnz_6/prodata/2/pubpna/USO6_NEW PUB.seq:* 4: /cgnz_6/prodata/2/pubpna/USO6_PUBCOMB.seq:*	5: /cgn2_6/ptodata/2/pubpa/US07_NBW_PUB.seq:* 6: /cm2_6/ptodata/2/pubpa/DS07_NBW_PUB.seq:*	7: /cgnz e/prodata/z/pubfus/r/103 Frackme.seq:*////////////////////////////////////	9: /cgnz_o/prodata/2/pubpus/USO9_PUBCOMB.seq:* 9: /cgnz_o/prodata/2/pubpus/USO9_PUBCOMB.seq:*	10: /cgnz_b/pcoaata/z/puppa/usoys_robcoms.seq: 11: /cgnz_6/ptodata/z/puppa/Usoys_CPUECOMs.seq:* 13: /cmn2 6/ntrodata/z/punhnna/Usoys_TIRD PIR seq:*	13: /cgn2_6/prodate/2/pubpna/USIOA_PUBCOMB.seq:*	14: /cgnz_6/prodata/z/puppna/USIOC_TUBCOMB.seq:* 15: /cgnz_6/prodata/2/pubpna/USIOC_TUBCOMB.seq:*	16: /cgn2_6/ptodata/2/pubpna/US10D_PUBCOMB.seq:* 17: /cgn2_6/ptodata/2/pubpna/US10E_PUBCOMB.seq:*	19: /cgn2_6/ptodata/2/pubpna/USIOF_PUBCOMB.seq:* 19: /cgn2_6/ptodata/2/pubpna/USIO_TEMP_PUB.seq:*	20: /cgn2_6/ptodata/2/puppna/USII_NEW_PUB.seq:* 21: /cgn2_6/ptodata/2/pubpna/US60_REW_PUB.seq:*	<pre>22: /cgnz_b/ptoodata/2/pubpna/useu_rubcomb.seq:*</pre>	NO. 18 the number of results predicted by finance of greater than or equal to the score of the result being derived by analysis of the total score distribution	SUMMARIES	* Query	Length DB ID Descriptio	24 100.0 24 9 US-09-735-363A-21 Sequence 21, Appl 24 100.0 24 10 US-09-776-479-1068 Sequence 1068, A	3 24 100.0 24 11 US-09-776-479-1068 Sequence	4 24 100.0 24 11 05-09-317-6 Sequence 0, April 5 24 100.0 24 14 US-10-112-653-1012 Sequence 1012, A	6 24 100.0 24 14 US-10-017-995-1068 Sequence 7 24 100.0 24 17 US-10-314-578-1068 Sequence	8 24 100.0 24 18 US-10-831-778-1068 Sequence 1068, A 9 24 100.0 27 9 US-09-735-363A-1 Sequence 1, Appli	24 100.0 27 9 US-09-735-363A-5 24 100.0 27 9 US-09-735-363A-66

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0 US-09-835-976B- 8 US-10-674-124A- 8 US-10-674-124A-	US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A- US-10-674-124A-	8 US-10-674-124A- 8 US-10-674-124A-	8 US-10-674-124A- 8 US-10-674-1	0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -
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18 US-10-674-124A-17435 Sequence 17435 18 US-10-674-124A-17906 Sequence 17906 18 US-10-674-124A-17916 Sequence 17916	18 US-10-674-124A-18015 Sequence 18015	18 US-10-674-124A-18157 Sequence 18157	18 US-10-674-124A-18203 Sequence 18203 18 US-10-674-124A-18446 Sequence 18446	18 US-10-674-124A-18570 Sequence 18570	18 US-10-674-124A-18603 Seguence 18603 18 US-10-674-124A-18662 Seguence 18663	18 US-10-674-124A-18678 Sequence 18678	18 US-10-674-124A-18702 Sequence 18702	18 US-10-674-124A-18758 Sequence 18758	18 US-10-674-124A-18760 Sequence 1876(	18 US-10-674-124A-18799 Sequence 18799	18 US-10-674-124A-18903 Sequence 18903	18 US-10-674-124A-19001 Sequence 19003	18 US-10-674-124A-19011 Sequence 19011	18 US-10-674-124A-19054 Sequence 19054	18 US-10-674-124A-19239 Sequence 1923S	18 US-10-674-124A-19258 Sequence 19258	18 US-10-674-124A-19287 Seguence 19287	18 US-10-674-124A-19349 Seguence 19349	10 110 110 10 10 10 10 10 10 10 10 10 10	10 00-10-074-1248-13034 Sequence 13034	18 US-10-6/4-124A-195/6 Sequence 195/6	18 US-10-674-124A-19769 Sequence 19769	18 US-10-674-124A-20123 Sequence 20123	18 US-10-674-124A-20142 Sequence 20142	18 US-10-674-124A-20380 Segmence 20380		18 US-10-674-124A-20655 Sequence 20655	18 US-10-674-124A-21153 Sequence 21153	18 US-10-674-124A-21158 Sequence 21158	THE CONTRACT OF THE CONTRACT O	18 US-10-6/4-124A-Z1Z14 Sequence Z1Z14	18 US-10-674-124A-21510 Sequence 21510	18 US-10-6/4-124A-21552 Sequence 21552	18 US-10-674-124A-21664 Sequence 21664	18 US-10-674-124A-21819 Semience 21819	18 IIS-10-674-1248-22081 Comionco 22083	10 CT CO TO CT 1248-22001 Comion CO DATE	מייני ווייני איני דור מייני איני מייני איני מייני איני מייני	10 00-10-0/4-124M-224d3 Sequence 22403	18 US-10-6/4-124A-225US Sequence 225US	18 US-10-674-124A-22667 Sequence 22667	18 US-10-674-124A-22680 Seguence 22680	18 119-10-674-1244-22829 Semionre 22829	10 110-10-674-1244-22460	To 02-T0-01-174W-72028 Seduelice 73028	18 US-10-674-124A-23128 Sequence 23128	18 US-10-674-124A-23209 Sequence 23209	18 US-10-674-124A-23349 Sequence 23349	18 US-10-674-124A-23798 Semience 23798	18 US-10-674-124A-23970 Semience 23970	18 TIS-10-674-1248-23996 Seminary 23996	20 00 TO	18 US-10-6/4-124A-2422/ Sequence 2422/	18 US-10-6/4-124A-2428U Sequence 2428U	18 US-10-674-124A-24285 Sequence 24285	18 US-10-674-124A-24675 Sequence 24675	18 US-10-674-124A-24968 Sequence 24968	18 US-10-674-124A-25716 Sequence 25716	18 US-10-674-124A-25742 Sequence 25742	18 US-10-674-124A-25885 Sequence 25885	18 US-10-674-124A-25954 Sequence 25954	18 118-10-674-1248-25957 Semience 25957	18 IIS-10-674-1248-25996 Semience 25996	10 110 110 10 10 10 10 10 10 10 10 10 10	TO OB-IN-0/4-TEAM-COIDS SEGMENCE COIDS	18 US-10-6/4-124A-26145 Sequence 26145	18 US-10-674-124A-26182 Sequence 26182	18 US-10-674-124A-26455 Sequence 26455	18 US-10-674-124A-26712 Segmente 26712	18 IIS-10-674-124A-26733 Semience 26733	18 118-10-674-1248-26747 Semience 26747	18 IIG-10-674-1248-2674) Sequence 2674/	18 US-10-674-124A-26840 Sequence 26840	18 US-10-674-124A-26974 Sequence 26974	18 IIS-10-674-1248-377 Semience 377
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Sequence 1012, Application US/10112653

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GENERAL INFORMATION:

APPLICANT: Krieg, Arthur M.

APPLICANT: Berg, Daniel J.

TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR

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CURRENT APPLICATION NUMBER: US/10/112,653

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FRIOR PALING DATE: 2001-03-29

NUMBER OF SEQ ID NOS: 1040

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 1012

LENGTH: 24
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                                                                    Query Match 100.0%; Score 24; DB 11; Length 24; Best Local Similarity 100.0%; Pred. No. 0.44; Matches 24; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Betty P. Tsao (Inventor)
APPLICANT: Betty P. Tsao (Inventor)
APPLICANT: Bita M. Cantor (Inventor)
APPLICANT: Jacome I. Rotter (Inventor)
TITLE OF INVENTION: Genetic Marker Test for Lupus
FILE REFERENCE: 18810-8115
CURRENT APPLICATION NUMBER: US/09/909,317
CURRENT FILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: 09/280,181
PRIOR FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FASTSEQ for Windows Version 4.0
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; OTHER INFORMATION: Synthetic Sequence US-09-776-479-1068
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Publication No. US20040152075A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
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CORGANISM: Homo sapiens
US-09-909-317-6
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Matches 24; Conserv
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US-10-112-653-1012/c
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; Sequence 1068, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INPORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourion, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REPERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1068, Application US/09776479
; Bedrard. No. US20030097848A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; WINDER OF THING DATE: 2000-02-03
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                                                                                                                                                                                                     DB 9; Length 24;
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                                                                                                 FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-21
                                                                                                                                                                                                                                                         Mismatches
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100.0%; Score 24;
Best Local Similarity 100.0%; Pred. No. (
Matches 24; Conservative 0; Mismatch
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1068
LENGTH: 24
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ORGANISM: Artificial Sequence
FEATURE:
                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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US-09-776-479-1068/c
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LENGTH: 24
SEQ ID NO 21
LENGTH: 24
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Sequence 1, Application US/09735363A

Sequence 1, Application US/09735363A

Patent No. US20010041681A1.

GENERAL INFORMATION:

APPLICANT: Filion, Mario

APPLICANT: Filion, Mario

TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides

FILE REFERENCE: 02811-0181

CURRENT APPLICATION NUMBER: US/09/735,363A

CURRENT FILING DATE: 1999-12-12

PRIOR APPLICATION NUMBER: 60/170,325

PRIOR PELING DATE: 1999-12-13

PRIOR PELING DATE: 2000-08-29

NUMBER OF SEQ ID NOS: 87

SOFTWARE: Patentin Version 3.0

SOFTWARE: Patentin Version 3.0
Sequence 1068, Application US/10831778

Publication No. US20040235774A1

GENERAL INFORMATION:

APPLICANT: Bratzler, Robert L.

APPLICANT: Petersen, Deanna M.

APPLICANT: Fouron, Yves

TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)

CURRENT APPLICATION NUMBER: US/10/831,778

CURRENT APPLICATION NUMBER: US 60/179,991

PRIOR FILING DATE: 2000-02-03

PRIOR FILING DATE: 2000-02-03

NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 24
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Best Local Similarity 100.0%; Pred. No. 0.44;
Matches 24; Conservative 0; Mismatches 0; Indels
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OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Synthetic Sequence US-10-831-778-1068
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Phillip, Nigel
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Best Local Similarity
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US-09-735-363A-1/c
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                                                                                                                               Sequence 1068, Application US/10017995
; Sequence 1068, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler. Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1031/7025 (HCL/MAT)
; CURRENT PELLING DATE: 2001-12-18
; RICR APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2000-12-14
; NUMBER: OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1068
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Sequence 1068, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Schetter, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR FILING DATE: 1999-00-25
PRIOR FILING DATE: 1999-00-25
PRIOR FILING DATE: 1999-00-25
PRIOR FILING DATE: 1999-00-25
PRIOR FILING DATE: 1999-00-27
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: PSELSEQ for Windows Version 3.0
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           24 CACACACACACACACACACACA
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ORGANISM: Artificial Sequence
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US-10-017-995-1068/c
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US-10-831-778-1068/c

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APPLICANT: Fillon, Mario C.
TITLE OF INVENTION: Hyaluronic Acid in the Treatment of Cancer FILE REFERENCE: 02811-0211 (42368-274915)
CURRENT APPLICATION NUMBER: US/10/168,327
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: PCT/CA00/01562
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin Version 3.1
SEQ ID NO 2
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          6300 Columbia Center, 701 Fifth Avenue
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100.0%; Score 24; DB
Best Local Similarity 100.0%; Pred. No. 0.4
Matches 24; Conservative 0; Mismatches
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                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,920
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAN: (206) 622-4900
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                                                                                                                                                            s: Floppy disk
IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/10168327 Publication No. US20030176381A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                          ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                 COMPUTER: IBM PC COMPUTER: OPERATING SYSTEM: SOFTWARE: PatentI
                                    CITY: Seattle
STATE: Washington
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US-10-085-906-93/c
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APPLICANT: Rowen, Lee
APPLICANT: KOOD, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
CORRESPONDENCE ADDRESS:
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APPLICANT: Filion, Mario
TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
FILE REPERRING: 0281J-1681
CURRENT APPLICATION NUMBER: US/09/735,363A
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 60/170,325
PRIOR FILING DATE: 1999-12-13
PRIOR FILING DATE: 1999-12-13
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 87
SOFTAMER: Patentin version 3.0
SEQ ID NO 66
LENGTH: 27
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TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides PILE REFERENCE: 02811-0181
CURRENT APPLICATION WUMBER: US/09/735,363A
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: 60/170,325
PRIOR FILING DATE: 1999-12-13
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 87
SOFTWARE: Patentin version 3.0
SEQ ID NO S
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100.0%; Score 24; DB 9; Length 27;
Best Local Similarity 100.0%; Pred. No. 0.44;
Matches 24; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                             ; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic Oligonucleotide US-09-735-363A-66
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; Sequence 770, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INPORMATION:
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                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
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APPLICANT: Leonard, Sherry
APPLICANT: Freeman, Robert
APPLICANT: Freeman, Robert
TITLE OF INVENTION: Promoter Variants in the Alpha-7 Nicotinic Acetylcholine Receptor TITLE OF INVENTION: OPPOSED CONTRIBUTION: OPPOSED CONTRIBUTION: OPPOSED CONTRIBUTION: UNMBER: US/10/723,940
CURRENT APPLICATION NUMBER: US/10/723,940
CURRENT APPLICATION NUMBER: 08/956,518
PRIOR APPLICATION NUMBER: 08/956,518
PRIOR FILING DATE: 1997-10-23
NUMBER: OF SEQ ID NOS: 180
SOFTWARE: Patentin version 3.2
SEQ ID NO 10
LENGTH: 32
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Best Local Similarity 100.0%; Pred. No. 0.44;
Matches 24; Conservative 0; Mismatches
                        TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EJH
CURRENT PEPLICANTION: An assay
FILE REFERENCE: 2414918/EJH
CURRENT FILING DATE: 2001-05-09
RIGH APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR PLING DATE: 2000-05-09
PRIOR PLING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-05
NUMBER: OF SEQ ID NOS: 38
SEQ ID NO 21
LENGTH: 32
LENGTH: 32
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Publication No. US20030104376A1
HOPPLICANI DIACECH PTY. Ltd.
TITLE OF INVENTION:
TITLE REFERENCE: 2414918 EJH
CURRENT APPLICATION NUMBER: US/09/852,903C
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; Sequence 10, Application US/10723940
; Publication No. US20040185468A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: artificial sequence
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ORGANISM: Artificial Sequence
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LOCATION: ()...()

OTHER INFORMATION: CA-17

US-09-852-903C-21
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Best Local Similarity
   GENERAL INFORMATION:
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US-09-852-903C-22
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APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary, Gar
                                                     APPLICANT: Ying, Vincent
APPLICANT: Ying, Vincent
APPLICANT: Ying, Vincent
APPLICANT: Gary, Gary, Gary
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REPERRICE GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-7
CURRENT PILING DATE: 2002-02-7
FRIOR PAPPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: PCT/USO0/07938
PRIOR PILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE FREESEQ for Windows Version 4.0
LENGTH: 30
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US20030054371A1
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Best Local Similarity 100.0
Matches 24; Conservative
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Best Local Similarity 100.
Matches 24; Conservative
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US-10-085-906-27
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US-10-085-906-93
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Gaps

; Sequence 21, Application US/09852903C ; Publication No. US20030104376A1

RESULT 16

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APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Rowen, Lee
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
STREET: Washington
COUNTRY: US
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11 Similarity 100.0%; Pred. No. 0.45;
24; Conservative 0; Mismatchen
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Publication No. US20030104376A1
GENERAL INFORMATION:
APPLICANT: Diatech Pty. Ltd.
TITLE OF INVENTION: An assay
FILE REFRENCE: 2414918/EJH
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR PILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-10
SOFTWARE: PATENTIN VENENON 3.0
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                     PRIOR APPLICATION NUMBER: 09/280,181
PRIOR FILING DATE: 1999-03-29
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 36
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; Sequence 678, Application US/09263959
; Patent No. US20020150891A1
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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Best Local Similarity 100.
Matches 24; Conservative
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LOCATION: ()..()
COTHER INFORMATION: CA-20
US-09-852-903C-24
                                                                                                                                                        TYPE: DNA
ORGANISM: Homo mapiens
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Best Local Similarity
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US-09-852-903C-24
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LENGTH: 38
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; Publication No. US20040152075A1
; GENERAL INFORMATION:
   APPLICANT: Betry P. Taao (Inventor)
; APPLICANT: Rita M. Cantor (Inventor)
; TILE OF INVENTION: Genetic Marker Test for Lupus
; FILE REFERENCE: 18810-82152
; CURRENT APPLICATION NUMBER: US/09/909,317
; CURRENT FILING DATE: 2001-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EUH
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT PILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR PILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
NUMBER OF SEQ ID NOS: 38
SEQ ID NO 23
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR PLING DATE: 2000-05-09
PRIOR PLING DATE: 2000-05-09
PRIOR PLING DATE: 2000-05-10
PRIOR PLING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin version 3.0
SEQ ID NO 22
LENGTH: 34
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Pred. No.
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Best Local Similarity 100.0%;
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OTHER INFORMATION: CA-18
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; OTHER INFORMATION: CA-19
US-09-852-903C-23
                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature
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                                                                                                                                                                                                                            TYPE: DNA
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US-10-661-097-24
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Publication No. US20040162254A1

General INFORMATION:

APPLICANT: VAILLANT, ANDREW

APPLICANT: VAILLANT, ANDREW

TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV

FILE REFERENCE: 029849/0204

CURRENT APPLICATION NUMBER: PCT/1B03/04573

PRIOR FILING DATE: 2003-09-12

PRIOR FILING DATE: 2003-09-11

PRIOR FILING DATE: 2002-09-11

PRIOR FILING DATE: 2002-12-05

PRIOR FILING DATE: 2002-09-13

PRIOR FILING DATE: 2002-09-13

NUMBER OF SEQ ID NOS: 36

SOFTWARE PARCHAIN VET: 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              con 100.0%; Score 24; DB 18; Length 40; cl Similarity 100.0%; Pred. No. 0.45; 24; Conservative 0; Mismatcher.
     TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 24; DB 18; Length Best Local Similarity 100.0%; Pred. No. 0.45; Matches 24; Conservative 0; Mismatches 0; Indels
                                                                    CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR APPLICATION NUMBER: 60/430, 934
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 3.2
LENGTH: 40
                              FILE REFERENCE: 029849/0206
CURRENT APPLICATION NUMBER: US/10/661,088
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Publication No. US20040170959A1
GEBERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 24; Conserva
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 24; DB 9;
Best Local Similarity 100.0%; Pred. No. 0.45;
Matches 24; Conservative 0; Mismatches
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US-09-852-903C-25

Sequence 25, Application US/09852903C

Publication No. US20030104376A1

GENERAL INFORMATION:

APPLICANT: Diatech Pty. Ltd.

TITLE OF INVENTION: An assay

FILE REFERENCE: 2414918/EJH

CURRENT APPLICATION NUMBER: US/09/852,903C

CURRENT FILING DATE: 2001-05-09

PRIOR PILING DATE: 2000-05-09

PRIOR APPLICATION NUMBER: US 60/202,771

PRIOR APPLICATION NUMBER: US 60/202,771

NUMBER OF SEQ ID NOS: 38

SOFTWARE: PALENT: 2000-05-10

SEQ ID NO 25

LENGTH: 40
                                                                                                                                                                   ATTORNEY AGENT INFORMATION:

NAME: McMasters, David D.

REGISTRATION NOMER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEPAC. (206) 622-4900

INFORMATION FOR SEQ ID NO: 678:

SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 39 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc.feature
LOCATION: ()..()
OTHER INFORMATION: CA-21
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                                                                                                                                                 CLASSIFICATION:
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US-09-263-959-678
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COUNTRY: US
ZIP: 98104-7092
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; Publication No. US20040171568A1
; GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 0.29849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT PILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR PILING DATE: 2002-12-05
; PRIOR PILING DATE: 2002-12-05
; PRIOR PILING DATE: 2002-12-05
; PRIOR PILING DATE: 2002-13-05
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PATENTIN VET: 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 24; DB 18; Length 40; Best Local Similarity 100.0%; Pred. No. 0.45; Matches 24; Conservative 0; Mismatches 0; Indels
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JUTEAU, JEAN-MARC
VENTION: ANTIVIRAL OLIGONUCLEOTIDES
               FILE OF INVENTION: ANTIVIRAL OLIGONUCLEOTID
FILE REFERENCE: 029849/0208
CURRENT APPLICATION NUMBER: US/10/661,355
CURRENT FILING DATE: 2003-09-12
PRIOR PILING DATE: 2003-09-11
PRIOR FILING DATE: 2002-12-05
PRIOR FILING DATE: 2002-09-13
PRIOR FILING DATE: 2002-09-13
PRIOR FILING DATE: 2002-09-13
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SEQ ID NO 24
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Publication No. US20040229828A1
GENERAL INFORMATION:
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LENGTH: 40
                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
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Sequence 495, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:
APPLICANT: Hood, Leroy B.
APPLICANT: Rowen, Lee
APPLICANT: Rowen, 
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APPLICANT: JUTEAU, JEAN-MARC

TITLE OF INVENTION: ANTIVIRAL OLIGONUCLECTIDES TARGETING RSV
FILE REFERENCE: 029849/0205
CURRENT APPLICATION NUMBER: US/10/661,415
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: ECT/1B03/04573
PRIOR PRILING DATE: 2003-09-11
PRIOR PILING DATE: 2003-09-13
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PATENTIN Ver. 3.2
LENGTH: 40
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100.0%; Score 24; DB 18; Length
Best Local Similarity 100.0%; Pred. No. 0.45;
Matches 24; Conservative 0; Mismatches 0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARRE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: US/09/263,959
FILING DATE: US-MSR-1999
CLASSIFICATION:
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6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 CACACACACACACACACACACA 25
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NAME: MCMASLETS, David D.
REGISTRATION NUMBER: 33,905
REFERENCE/DOCKET NUMBER: 9200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPRA: (206) 622-4900
INFORMATION FOR SEQ ID NO: 495:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STREET: 6300 Columb
CITY: Seattle
STATE: Washington
COUNTRY: US
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FEATURE:
NAME/KEY: misc_feature
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US-09-263-959-797
                                              US-09-263-959-797
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US-09-852-903C-27
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ch 100.0%; Score 24; DB 9; Length 41; l Similarity 100.0%; Pred. No. 0.45; 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.45;
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                                                                                                                                                                                               US-10-146-575-46

Sequence 46, Application US/10146575

Publication No. US20030059800A1

GENERAL INFORMATION:
APPLICANT: Lichter, Jay
APPLICANT: Guido, Marco
ITILE OF INVENTION GENOTYPING OF HUMAN CYP3A4
FILE REFERENCE: SEQ-12P
CURRENT APPLICATION NUMBER: US/10/146,575
CURRENT FILING DATE: 2002-05-14

PRIOR APPLICATION NUMBER: US/09/144,367

PRIOR FILING DATE: 1998-08-31

NUMBER OF SEQ ID NOS: 58

SEQ ID NO 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SECTION APPLICATION US/09852903C

PUDLICATION NO. US20030104376A1

GENERAL INFORMATION:
APPLICANT: Diatech Pty. Ltd.
TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EJH

CURRENT FILING DATE: 2001-05-09

PRIOR APPLICATION NUMBER: US 60/202,771

PRIOR APPLICATION NUMBER: US 60/202,771

PRIOR APPLICATION NUMBER: US 60/202,559

PRIOR APPLICATION NUMBER: US 60/202,559

PRIOR FILING DATE: 2000-05-10

NUMBER OF SEQ ID NOS: 38

SOFTWARE: PALENTIN VERSION 3.0

SOFTWARE: PALENTIN VERSION 3.0

SOFTWARE: PALENTIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                     1 CACACACACACACACACACACA 24
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                                                                                                                           41 CACACACACACACACACACACA 18
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US-09-852-903C-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: H. sapiens
US-10-146-575-46
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Best Local Similarity
Matches 24; Conserv
  Query Match
Best Local Similarity
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                                          Matches
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GENERAL INFORMATION:
APPLICANT: Hood, Lercy E.
APPLICANT: Rowen, Lee
APPLICANT: ROWEN, Lercy E.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
                                                                                                                                              Sequence 514.7, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Rowen, Lee
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3: Seed and Berry LLP
6300 Columbia Center, 701 Fifth Avenue
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CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REGISTRATION NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
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Patent No. US20020150891A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 514:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.08;
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STATE: Washington
COUNTRY: US
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STATE: Washington
COUNTRY: US
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Best Local Similarity
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                                                                                                                                US-09-263-959-514/c
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US-09-971-353-33
Sequence 33, Application US/09971353
Publication No. US20030113723A1
Sequence 31, Application No. US20030113723A1
GENERAL INFORMATION:
APPLICANT: Bapat, Bharati
APPLICANT: Rose, Melanie Anne
TITLE OF INVENTION: WETHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPL
FILE REFERENCE: 11757-54USU1
CURRENT APPLICATION WUMBER: US 60/9971,353
CURRENT FILING DATE: 2001-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 35
NUMBER OF SEQ ID NOS: 35
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                                                                                     100.0%; Score 24; DB 10; Length 44; 100.0%; Pred. No. 0.45; Live 0; Mismatches 0; Indels
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-ham 0; Indels
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                                                                                                                                                                                                                                                                                                                   SCHENCE 28, Application US/08852903C
Publication No. US20030104376A1
GENERAL INFORMATION:
APPLICANT: Diatech Pty. Ltd.
TITLE OF INVENTION: An assay
FILE REFERENCE: 2444918/EHF
CURRENT PPLICATION UNMERS: US/09/852,903C
CURRENT FILING DATE: 2001-05-09
FRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-10
FRIOR APPLICATION NUMBER: US 60/202,559
FRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SCO ID NO 28
SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 24; DB Best Local Similarity 100.0%; Pred. No. 0.4: Matches 24; Conservative 0; Mismatches
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                                                                               Query Match
Best Local Similarity 100.0°
Matches 24; Conservative
; LOCATION: ()..()
; OTHER INFORMATION: CA-23
US-09-852-903C-27
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                          US-09-852-903C-28
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LENGTH: 46
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TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPLE FILE REFERENCE: 11757.54USU1
CURRENT APPLICATION NUMBER: US 60/237,884
PRIOR APPLICATION NUMBER: US 60/237,884
PRIOR FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.1
SEQ ID NO 28
LENGTH: 48
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Query Match
100.0%; Score 24; DB 9; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.45;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                  CURREAL INFORMATION:
APPLICANT: Distech Pry. Ltd.
TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EJH
CURRENT APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
SOFTWARE: PELING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SOFTWARE: 48
                                                                                                                                   18 CACACACACACACACACACA 41
                                                                                                    1 CACACACACACACACACACACACA 24
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Sequence 29, Application US/09852903C
Publication No. US20030104376A1
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Publication No. US20030113723A1
GENERAL INFORMATION:
APPLICANT: Bapat, Bharati
APPLICANT: Rose, Melanie Anne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; LOCATION: ()..()
; OTHER INFORMATION: CA-25
US-09-852-903C-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity
Matches 24; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 775, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Hood, Lercy E.
APPLICANT: Kowen, Lee
APPLICANT: Kowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STRTE: Mashington
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                                               OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/M9-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                              920010.426C2
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                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-603
INFORMATION FOR SEQ ID NO: 571:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFRENCE/DOCKET NUMBER: 9200
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                               IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 48 base pairs
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EDNESS: single
                            COMPUTER: IBM PC of OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
Matches 24; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                CLASSIFICATION:
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       MEDIUM TYPE:
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TOPOLOGY:
US-09-263-959-571
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US-10-182-906-306, Application US/10085906
| Sequence 306, Application US/10085906
| Publication No. US20030054371A1
| GRNERAL INFORMATION:
| APPLICANT: Win, Paul
| APPLICANT: Win, Paul
| APPLICANT: Win, Paul
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: UNMBER: US/10/085,906
| CURRENT FILING DATE: 2002-02-27
| PRIOR PELING DATE: 1999-03-25
| PRIOR PELING DATE: 1999-03-25
| PRIOR APPLICATION NUMBER: US 09/534,061
| PRIOR PELING DATE: 2000-03-24
| NUMBER: OF SEQ ID NOS: 545
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 24; DB 14; Length 48; 100.0%; Pred. No. 0.45;
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CORGANISM: Homo sapiens
US-10-085-906-360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Homo sapiens
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Best Local Similarity
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-10-085-906-306/c
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Spublication No. US20030054371A1

Sublication No. US20030054371A1

GENERAL INFORMATION:

APPLICANT: Ying, Vincent

APPLICANT: Ying, Vincent

APPLICANT: Gray, Gary S.

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

CURRENT APPLICATION NUMBER: US/10/085,906

CURRENT APPLICATION NUMBER: US 60/126,215

PRIOR APPLICATION NUMBER: US 60/126,215

PRIOR PILING DATE: 1999-03-25

PRIOR FILING DATE: 1999-03-25

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-34

PRIOR POLICATION NUMBER: PCT/US00/07938

PRIOR POLICATION NUMBER: PCT/US00/07938
                                         Sequence 114, Application US/10085906
| Publication No. US20030054371A1
| GENERAL INFORMATION:
| APPLICANT: Ying, Vincent
| APPLICANT: Wu, Paul
| APPLICANT: Wu, Paul
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION WIMBER: US/10/085,906
| CURRENT FILING DATE: 2002-02-27
| PRIOR FILING DATE: 1999-03-25
| PRIOR FILING DATE: 2000-03-24
| PRIOR PAPLICATION NUMBER: PCT/USOO/07938
| PRIOR APPLICATION NUMBER: PCT/USOO/07938
| PRIOR PILING DATE: 2000-03-24
| NUMBER OF SEQ ID NOS: 545
| SEQ ID NO 114
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US-10-085-906-114
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US-10-085-906-234
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Matches 24; Conserv
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                          US-10-085-906-114/c
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US-10-085-906-234/c
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Gaps

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US-10-108-908-906-906

Sequence 360, Application US/10085906

Publication No. US20030054371A1

SERNEAL INFORMATION:

APPLICANT: Wu, Paul

APPLICANT: Wu, Paul

APPLICANT: Gay, Gary, Gary, S.

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS

FILE REFERENCE: GNN-543-02-27

FRIOR APPLICATION NUMBER: US 60/126,215

PRIOR PILING DATE: 1999-03-25

PRIOR FILING DATE: 1999-03-24

PRIOR APPLICATION NUMBER: PCT/USO0/07938

PRIOR PILING DATE: 2000-03-24

NUMBER OF SEQ ID NOS: 545

SEQ ID NO 360

LENGTH: 48
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100.0%; Score 24; DB 14; Length 48;
Best Local Similarity 100.0%; Pred. No. 0.45;
Matches 24; Conservative 0; Mismatches 0; Indels
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RESULT 45

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1 CACACACACACACACACACACA 24
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Publication No. US20030113723A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 24; Conservative
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                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
CORGANISM: Homo sapiens
US-09-922-225A-65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
CORGANISM: Homo sapiens
US-09-971-353-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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US-09-263-959-588/c
                    JS-09-922-225A-65/c
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US-09-971-353-25
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LENGTH: 51
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APPLICANT: University of Utah Research Foundation
APPLICANT: Sundquist, Wesley I
TITLE OF INVENTION: IN VITRO ASSAYS FOR INHIBITORS OF HIV
TITLE OF INVENTION: CAPSID CONFORMATIONAL CHANGES AND FOR HIV CAPSID FORMATION
FILE REFERENCE: 21101.0015p1
CURRENT APPLICATION NUMBER: 60/307,998
PRIOR PILING DATE: 2001-07-01
PRIOR PAPLICATION NUMBER: 60/333,553
PRIOR PLING DATE: 2001-11-26
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PASSEQ for Windows Version 4.0
SEQ ID NO 28
LENGTH: 50
Sequence 6. Application US/10407818
; Sequence 6. Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
    APPLICANT: RABBANI, ELAZAR
; APPLICANT: BYRRIANOPOULOS, JANNIS G.
    APPLICANT: DONEGAN, JAMES J.
    TITLE OF INVENTION: WILLISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; TITLE OF INVENTION: WINDER: US/10/407,818
; CURRENT PAPLICATION NUMBER: US/10/403
; WUMBER OF SEQ ID NOS: 16
; SEQ ID NO 6
; SEQ ID NO 6
; LENGTH: 50
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Combined DNA/RNA Molecule: OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence:/Note
OTHER INFORMATION: Synthetic Construct
US-10-484-784-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 24; DB 19; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.45;
Matches 24; Conservative 0; Mismatches 0; Indels
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US-10-407-818-6
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Publication No. US20050009743A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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APPLICANT: Bapat, Bharati
APPLICANT: Bapat, Melanie Anne
APPLICANT: Rose, Melanie Anne
TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPLI
FILE REFERENCE: 11757.54USU1
CURRENT APPLICATION NUMBER: US/09/971,353
CURRENT APPLICATION NUMBER: US/09/971,353
PRIOR FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 35
SOFTWARE PATENTION OF SEQ ID NOS: 35
LENGTH: S2
LENGTH: S2
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Sequence 55, Application US/09922225A
Publication No. US20030104385A1
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
TITLE OF INVENTION: Associated with Bipolar Disorder
FILE REFRERUCE: P-EA 4672
CURRENT APPLICATION NUMBER: US/09/922,225A
CURRENT FILING DATE: 2003-01-14
NUMBER OF SEQ ID NOS: 117
SOFTWARE: FastSEQ for Windows Version 4.0
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100.0%; Pred. No. 0.4
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STATE:
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APPLICANT: Wu, Paul
APPLICANT: Wu, Paul
APPLICANT: Gary, Gary, Gary
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REPERRORE GNN-343CP2
CURRENT APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR PELLING DATE: 1999-03-25
PRIOR PELLING DATE: 1099-03-25
PRIOR PELLING DATE: 2000-03-24
PRIOR PELLING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: PCT/USO0/07938
PRIOR PILING DATE: 2000-03-24
PRIOR PILING DATE: 2000-03-24
SOFTWARE PERSON ON SE 545
SOFTWARE PRESENCE FOR WINDOWS VERSION 4.0
SEQ ID NO 72
LENGTH: 53
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100.0%; Score 24; DB 9; Length 53;
Best Local Similarity 100.0%; Pred. No. 0.45;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                            MEDIUM TYPE: ricypy ....
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INPORMATION:
NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REPERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (206) 682-6031
INPORMATION FRQ ID NO: 588:
SEQUENCE CHARACTERISTICS:
LENGTH: 53 base pairs
TWODE: NUMBER: S3 base pairs
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; Sequence 72, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
                                                                         Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid

STRANDEDNESS: single

1 TOPOLOGY: linear

US-09-263-959-58
                ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-72
COUNTRY:
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Gaps

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Search completed: June 2, 2005, 11:58:32 Job time : 219.063 secs

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Sequence 186, Sequence 328, Sequence 367, Sequence 379,	ednence	ednence ednence ednence	equence equence equence	ednence	equence tent No.	Sequence	equence	ednence ednence	Sequence 98, Appl Sequence 107, App Sequence 108, App Sequence 4 Appli	edneuce	equence	equence	equence	equence	ednence	equence	equence	ednence	equence .	equence	ednence	equence	equence	ednence	edneuce	equence	ednence	equence	edneuce	equence	ednence	ednence	Sequence 5, Appli Sequence 10, Appl Sequence 39, Appl
	US-08-222-177A-8 US-08-222-177A-3	US-08-222-177A-3 US-08-222-177A-3 US-08-222-177A-3	US-08-222-177A-6 US-08-222-177A-3 US-08-222-177A-3	US-08-222-177A-1 US-08-222-177A-3	. US-08-222-177A-2 5506118-3	US-08-22	US-08-22	US-08-22 US-08-22 US-08-22		US-09-354-147C-36	US-09-51 US-09-51 US-09-35	US-09-51 US-09-51	US-08-75 US-08-54	US-09-51 US-08-22	US-08-82 US-08-22	US-08-22 US-09-51	US-08-22 US-08-22	US-09-91	0S-09-35 0S-09-35	US-08-22: US-09-35	US-08-222-177A-37	US-09-21 US-08-68	US-09-47	US-08-22	US-08-222-177A-43 US-08-222-177A-16	US-09-51	US-08-59	PCT-US96	US-08-22	US-08-222-177A-3 US-08-222-177A-2	US-08-222-177A-48	US-08-222-177A-4	US-08-222-1 US-08-222-1 US-08-222-1
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28 29 30 31	332		38 39 86 40	41	0 443		44 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	200	0 20 20 20 20 20 20 20 20 20 20 20 20 20	26	7. R.	C 61	6 6 8 3	C 65	c 68			C 74	75	77 C 78		c 80	0 0		0 86 0 86	87		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 94 94	900	96	98
Ltd.		75.5294 Seconds ignments) lion cell updates/sec		1 36			2405568				• •	* * * * *	*: beg	chance to have a result being printed,	stribution.		Description	140,	198, 397,	137,	400,	403, 74,	183,	53,	229, 388,	195,	249,	1015	101	346,	83,	221,	Sequence 1017, Ap Sequence 361, App Sequence 95, Appl
enCore version 5.1.6 :) 1993 - 2005 Compugen Ltd.	sing sw model	07:06:17 ; Search time 75.5294 Seconds (without alignments) 779.908 Million cell updates/se			sapext 1.0	818138359 residues	chosen parameters:	0000	108 1100\$		s NA:* Gata/l/ina/5A_COMB.seq:* .odata/l/ina/5B_COMB.seq:*		odata/1/ina/backfiles1.seg:*	of results predicted by chance to have a nual to the score of the result being printe	f the total score distribut	SUMMARIES	ID Description	US-08-222-177A-140 Sequence 140,	US-08-222-177A-198 Sequence 198, US-08-222-177A-397 Sequence 397,	US-08-222-177A-137 Sequence 137, US-08-222-177A-119	US-08-222-177A-400 Sequence 400,	US-08-222-177A-403 Sequence 403, US-08-222-177A-74 Sequence 74,	US-08-222-177A-183 Sequence 183, IIS-08-222-177A-232	US-08-222-177A-53 Sequence 53,	US-08-222-177A-229 Sequence 229, US-08-222-177A-388 Sequence 388,	US-08-222-177A-195 Sequence 195,	US-08-222-177A-249 Sequence 249,	US-09-443-199C-1019 Sequence 1019	US-08-222-177A-101 Sequence 101,	US-08-222-177A-226 Sequence 226, US-08-222-177A-346 Semience 346.	US-08-222-177A-83 Sequence 83,	US-08-222-177A-92 Sequence 92, US-08-222-177A-221	1017 361, 95,
GenCore version (c) 1993 - 2005	search, using	2, 2005, 07:06:17; Search time 75.5294 Seconds (without alignments) 779.908 Million cell updates/se	۲-	cacacacacacacacacacacacacaca	ITY_NUC 10.0 , Gapext 1	818138359	satisfying chosen parameters:	h: 0 :h: 2000000000	Match Match first	78111	<pre>uned Patents NA:* /cgn2 6/ptodata/l/ina/5A_COMB.seq:* /cgn2 6/ptodata/l/ina/5B_COMB.seq:*</pre>	/cgn2_6/ptodata/1/ina/6A_COMB.seq:* /cgn2_6/ptodata/1/ina/6A_COMB.seq:* /cgn2_6/ptodata/1/ina/6B_COMB.seq:*	n2_6/ptodata/1/ina/backfiles1.seg	number of results predicted by chance to have a n or equal to the score of the result being printe	analysis of the total score distribut		Length DB ID Description	37 1 US-08-222-177A-140 Sequence 140,	38 1 US-08-222-177A-198 Sequence 198, 38 1 US-08-222-177A-397 Sequence 397,	39 1 US-08-222-177A-137 Sequence 137, 40 1 US-08-222-177A-119 Sequence 119.	40 1 US-08-222-177A-400 Sequence 400,	40 1 US-08-222-177A-403 Sequence 403, 41 1 US-08-222-177A-74 Sequence 74,	41 1 US-08-222-177A-183 Sequence 183, 41 1 US-08-222-177A-232 Sequence 232	42 1 US-08-222-177A-53 Sequence 53,	42 1 US-08-222-177A-229 Sequence 229, 43 1 US-08-222-177A-388 Sequence 388,	44 1 US-08-222-177A-195 Sequence 195,	44 1 US-08-222-177A-249 Sequence 249,	44 4 US-09-443-199C-1019 Seguence 1019 46 1 US-08-222-1778-71 Seguence 71	46 1 US-08-222-177A-101 Sequence 101,	46 1 US-08-222-177A-226 Sequence 226, 46 1 US-08-222-177A-346 Sequence 346.	47 1 US-08-222-177A-83 Sequence 83,	4/ 1 US-U8-222-1//A-92 Sequence 92, 47 1 US-08-222-177A-221 Sequence 221,	48 4 US-09-443-199C-1017 Sequence 1017 49 1 US-08-222-177A-361 Sequence 361, 50 1 US-08-222-177A-95 Sequence 95,
version - 2005	using	, 2005, 07:06:17; Search time 75.5294 Seconds (without alignments) 779.908 Million cell updates/se		l cacacacacacacacacacacacacacacacaca	NUC .0 , Gapext 1		chosen parameters:	<pre>seq length: 0 seq length: 2000000000</pre>		agiri Giragi	1881 : / : .		/cgn2_6/ptodata/1/ina/backfiles1.seg	number of results predicted by chance to have a n or equal to the score of the result being printe	ved by analysis of the total score distribut		DB ID Description	6 100.0 37 1 US-08-222-177A-140 Sequence 140,	6 100.0 38 1 US-08-222-177A-198 Sequence 198, 6 100.0 38 1 US-08-222-177A-397 Sequence 397,	6 100.0 39 1 US-08-222-177A-137 Sequence 137, 6 100.0 40 1 US-08-222-177A-119 Sequence 119.	6 100.0 40 1 US-08-222-177A-400 Sequence 400,	6 100.0 40 1 US-08-222-177A-403 Sequence 403, 6 100.0 41 1 US-08-222-177A-74 Sequence 74,	6 100.0 41 1 US-08-222-177A-183 Sequence 183, 6 100 0 41 1 US-08-22-177A-232 Sequence 232	6 100.0 42 1 US-08-222-177A-53 Sequence 53,	6 100.0 42 1 US-08-222-177A-229 Sequence 229, 6 100.0 43 1 US-08-222-177A-388 Sequence 388,	6 100.0 44 1 US-08-222-177A-195 Seguence 195,	6 100.0 44 1 US-08-222-177A-249 Sequence 249,	6 100.0 44 4 US-09-443-199C-1019 Seguence 1019 6 100.0 46 1 US-08-222-1778-71 Seguence 71	6 100.0 46 1 US-08-222-177A-101 Sequence 101,	6 100.0 46 1 US-08-222-177A-226 Sequence 226, 6 100.0 46 1 US-08-222-177A-346 Sequence 346.	100.0 47 1 US-08-222-177A-83 Sequence 83,	6 100.0 4/1 US-U8-222-1//A-92 Sequence 92, 6 100.0 47 1 US-08-222-177A-221 Sequence 221,	8 4 US-09-443-199C-1017 Sequence 1017 9 1 US-08-222-177A-361 Sequence 361, 0 1 US-08-222-177A-95 Sequence 95,

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US-08-599-252-8 PCT-US96-06352- PCT-US96-06352- US-09-232-785-3 US-09-232-785-3 US-09-232-785-3 US-09-249-016-1 US-09-949-016-1 US-09-949-016-1 US-09-949-016-1	US-09-949-016-1 US-09-949-016-1 US-09-949-016-2 US-09-949-016-2 US-09-949-016-2 US-09-949-016-2 US-09-949-016-2 US-09-949-016-2 US-09-949-016-2 US-09-949-016-2 US-09-949-016-2 US-09-949-016-2	US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X US-09-949-016-X	44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	US-09-949-016-3 US-09-949-016-3
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US-08-222-1774-198
Sequence 198, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSES: DEWILT ROSS & Stevens, S.C.
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ZIP: 5317-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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8000 Excelsior Drive, Suite 401
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
                                                                  INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 base pairs
TYPE: nucleic acid
TYPE: COUNCE:
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
TMMEDIATE SOURCE:
CLONE: mc630rs
US-08-22-177A-140
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TELECOMMUNICATION:
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: (608) 831-2100
(608) 831-2106
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TELEFAX: (608) 831-2106
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IMMEDIATE SOURCE:
CLONE: mfdS0rs
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STATE: Wiscons
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
TELEPHONE:
TELEFAX: (6
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Gaps .

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US-08-222-177A-137

US-08-222-177A-137

Sequence 137, Application US/08222177A

TOTALE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dG-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

TITLE OF INVENTION: (dG-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

CORRESPONDENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSED: DeMitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401

CITY: Madison
                                                                                                                                                                                                                                                      APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-dA)n.(dg-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: PER PC COMPATIBLE
COMPUTER: PAPELICATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/22,177A
FILING DATE:
CLASSIFICATION NUMBER: US 07/341,562
FILING DATE: 21-APR.1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30.492
REGISTRATION NUMBER: 30.492
REGISTRATION NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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100.0%; Pred. No. 7.8e-05;
                                           1 CACACACACACACACACACACACACACACACA 36
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                                                                                                                                                                         Sequence 397, Application US/08222177A Patent No. 5582979 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 38 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: Wisconsin COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 53717-1914
                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-222-177A-397
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Gaps

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ASOLIA 9.00 Application US/08222177A

Sequence 400, Application US/08222177A

Sequence 400, Application US/08222177A

Patent No. 5582979

GREERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION:

TITLE OF INVENTION:

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewlit Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 36; DB 1; Length 40; Pred. No. 7.8e-05;
                                                                                                                                                                                                                                                                                                                                                                              Length 40;
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ZIP: 53717-1914

COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 36; DB 1; 1 100.0%; Pred. No. 7.8e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 CACACACACACACACACACACACACACACACA 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CACACACACACACACACACACACACACACACA 37
                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APF-1989
ATTONNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEPAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 09865.601
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100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (608) 831-2106
                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 40 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 100.
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 40 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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; CLONE: mfd23rs
US-08-222-177A-119
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                                                                                                                                                                                                                                                 TOPOLOGY: 11
MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: li
MOLECULE TYPE:
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TELEX:
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Patent No. 5582979
GENERAL INFORMATION: GAMES L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSE: DeMitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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100.0%; Score 36; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 36; Conservative 0; Mismatches 0; Indels
                                      ZIP: 53717-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTY: USA
ZIP: 5317-1914
COMPUTER REABABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 007/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US 07/341,562
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 137:
SEQUENCE CHARACTERISTICS:
LENGTH: 39 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/
FILING DATE: 21-APR-1989
ATTORNEY, AGENT INFORMATION:
NAME: Sara, Charles S.
  Wisconsin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
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US-08-222-177A-119
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Wisconsin
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IMMEDIATE SOURCE:
CLONE: mfd8rs
US-08-222-177A-74
    Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
                                    STATE: W
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ઠે
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US-08-222-177A-403
US-08-222-177A-403

| Sequence 403, Application US/08222177A
| Patent No. 5582919
| Patent No. 5582919
| GENERAL INFORMATION:
| APPLICANT: Weber, James L. |
| TITLE OF INVENTION: LENGTH POLYMORPHISMS IN |
| TITLE OF INVENTION: LENGTH POLYMORPHISMS IN |
| TITLE OF INVENTION: (dG-dA) n. (dG-dT) n SEQUENCES AND METHODS OF USING SAME |
| NUMBER OF SEQUENCES: 460 |
| CORRESPONDENCE ADDRESS: |
| ADDRESSE: Dewitt Ross & Stevens, S.C. |
| STREET: 8000 Excelsior Drive, Suite 401 |
| TITLE OF INVENTION: Madison |
| ADDRESSE: |
| ADDRESSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-222-177A-74

Sequence 74, Application US/08222177A

Sequence 74, Application US/08222177A

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME

CORRESPONDENCE ADDRESS:

ADDRESSEE: DeWitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
    Gaps
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0; Indels
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ZIP: 5317-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT PAPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
                                                                         1 CACACACACACACACACACACACACACACACA 36
                                                                                                                      CACACACACACACACACACACACACACACACACACA 37
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100.0%; Score 36; DB
Best Local Similarity 100.0%; Pred. No. 7.8
Matches 36; Conservative 0; Mismatches
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara. Charles S.
REGISTRATION NUMBER: 09.492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
TELECHONE: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 403:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS LENGTH: 40 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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    Matches
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US-08-222-177A-183
US-08-222-177A-183
US-08-222-177A-183
US-08-222-177A-183
Sequence 183, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dd-dT)n.SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 41;
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ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPTREE: BR PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
COUNTRY: USA
ZIP: 53777-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 36; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                    CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Madison
STATE: Wisconsin
COUNTRY: USA
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i IMMEDIATE SOURCE:

CLONE: mfdlrs

US-08-222-177A-53
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                       Query Match
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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100.0%; Pred. No. 7.8e-05;
/ative 0; Mismatches 0;
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8000 Excelsior Drive, Suite 401
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APF-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                  INFORMATION FOR SEQ ID NO: 183: SEQUENCE CHARACTERISTICS: LENGTH: 41 base pairs TYPE: nucleic acid STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
INMEDIATE SOURCE:
CLONE: mfd45re
US-08-222-177A-183
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (608) 831-2106
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Best Local Similarity 100.0
Matches 36; Conservative
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SEQUENCE CHARACTERISTICS:
LENGTH: 41 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM: MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Wisconsin COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 53717-1914
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) IMMEDIATE SOURCE:
; CLONE: mfd63rs
US-08-222-177A-232
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Sequence 53, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
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    Length 41;
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                                                  Indels
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OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
100.0%; Score 36; DB 1; I
100.0%; Pred. No. 7.8e-05;
ive 0; Mismatches 0;
                                                                                                                            1 CACACACACACACACACACACACACACACACACA 36
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100.0%; Score 36; DB 1;
Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 36; Conservative 0; Mismatches 0;
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Patent No. 5582979
GENERAL INFORTION:
GENERAL INFORTION:
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION 1435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFRENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                          Best Local Similarity 100.
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
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STATE: Wisconsin
COUNTRY: USA
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us-09-909-317-7.rni

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TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd123rs
US-08-222-177A-388
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SEQUENCE CHARACTERISTICS:
LENGTH: 43 base pairs
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TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                   nucleic acid
EDNESS: double
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STATE: Wisconsin
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Sequence 388, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:

APPLICANT: Weber; James L.

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: DeWitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME WINNBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
CORRESPONDENCE DEWALT GROSS & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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ZIP: S317-1914
ZIP: S317-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-ARR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                     ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           229:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Wisconsin
COUNTRY: USA
                                                                                                                                            STATE: Wisconsin
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US-08-222-177A-229
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                                                                                                                                                                    USA
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                                                                                                                                                                COUNTRY:
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US-08-222-1774-195

Sequence 195, Application US/08222177A

Sequence 195, Application US/08222177A

Patent No. 5582919

Patent No. 5582910

APPLICANT: Weber, James L.

TITLE OF INVENTION: (GC-dA)n.(GG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewlitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/22,177A
FILING DATE:
CLASSIFICATION A15
PRIOR APPLICATION TAIS:
PRIOR APPLICATION TAIS:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELEROMMUNICATION INFORMATION:
TELEROMMUNICATION INFORMATION:
TELEROMMUNICATION INFORMATION:
TELEROMMUNICATION 1NFORMATION:
TELEROMMUNICATION 1NFORMATION:
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
TELEFRONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Sequence 249, Applicat
Patent No. 5582979
GENERAL INFORMATION:
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Patent No. 5582979

GENERAL INFORMATION:

APPLICANT: Weber, James L.

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: DeWitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
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COMPUTER READABLE FORM:
MEDIUM TYPE: FOPOPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                           Query Match
100.0%; Score 36; DB 1; 1
Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 36; Conservative 0; Mismatches 0;
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100.0%; Score 36; DB 1; 1
Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 36; Conservative 0; Mismatches 0;
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PRIOR APPLICATION DATA:
APPLICATION UNDER: US 07/341,
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 0986:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 241:
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd49rs
US-08-222-177A-195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   immediate source:
; clone: mfd66rs
US-08-222-177A-241
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Madison
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                                                                                                                                                                                                                                                                                                                                                                              US-08-222-177A-241
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RESULT 16 US-08-222-177A-249

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TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dg-d1)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross.
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US-09-443-199C-1019/c

WS-09-443-199C-1019/c

WS-09-443-199C-1019/c

Bequence 1019, Application US/09443199C

Bettent No. 6670464

GENERAL INFORMATION:

APPLICANT: Shimkets, Richard A.

APPLICANT: Leach, Martin

TITLE OF INVENTION: NouCeic Acids Containing Single Nucleotide

TITLE OF INVENTION: NouCeic Acids Containing Single Nucleotide

TITLE OF INVENTION: NOUPER: US/09/443,199C

CURRENT APPLICATION NUMBER: US/09/443,199C

CURRENT FILING DATE: 1999-11-17

PRIOR PILING DATE: 1999-11-17

NUMBER OF SEQ ID NOS: 1272

SOFTWARE: CuraGen Patent Formatter Version 0.9

SEQ ID NO 1019

LENGTH: 44
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                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
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100.0%; Pred. No. 7.8e-05;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 CACACACACACACACACACACACACACACACA 36
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                                                                                                                                                                                  ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REPERSINCE/DOCKET NUMBER: 09865.601
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           249:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; IMMEDIATE SOURCE:
; CLONE: mfd69re
US-08-222-177A-249
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 44 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                      Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                            CITY: Madison
STATE: Wisconsi
COUNTRY: USA
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3: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
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8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
APLING DATE: 21-ARR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 226, Application US/08222177A patent No. 5582979 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
COMPUTER: TEM PC compatible
COMPUTER: TEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       101:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd17rs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (608) 831-2106
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SEQUENCE CHARACTERISTICS:
LENGTH: 46 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                     CITY: Madison
STATE: Wisconsin
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 8000 Excel
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
                                                                                                                                                                                                                                                                   Madison
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                            US-08-222-177A-101
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Patent No. 5882979

GENERAL INFORMATION:
APPLICANT: Owber, James L.
TITLE OF INVENTION: (dC-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
                                                                                                                                                                                                                                                                            Gaps
                                          NAME/KEY: misc_feature
| LOCATION: (26)...(0)
| OTHER INFORMATION: 1 of 2 allelic variants (1020 is other entry)
| NAME/KEY: misc_feature
| LOCATION: (0)...(0)
| OTHER INFORMATION: Accession number cg44024536
| US-09-443-199C-1019:
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                                                                                                                                                                                                                           Ouery Match 100.0%; Score 36; DB 4; Length 44; Best Local Similarity 100.0%; Pred. No. 7.8e-05; Matches 36; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                    1 CACACACACACACACACACACACACACACACACA 36
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100.0%; Pred. No. 7.8e-05;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: DNA (genomic) US-08-222-177A-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 100.
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
ORGANISM: Homo sapiens FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Madison
STATE: Wisconsin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-222-177A-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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Sequence 101, Application US/08222177A

Batent No. 5582979

GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
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TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-dA)n.(dg-dT)n SEQUENCES AND METHODS OF USING SAME
TUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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CURRENT APPLICATION DATA:
AUBLICATION NUMBER: US/08/222,177A
FILING DATE:
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100.0%; Score 36; DB 1;
Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 36; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 53717-1914
COMPUTER READABLE FORM:
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TELEFAX: (608) 831-2106
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                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 46 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 47 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Madison
STATE: Wisconsin
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                     ; CLONE: mfd109rs
US-08-222-177A-346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-222-177A-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-222-177A-83
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Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (AG-dA) n. (AG-dT) n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Madison
STATE: Wisconsin
COUNTRY: US
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BEATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       09865.601
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 098
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          226:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                               (608) 831-2100
                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (608) 831-210
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 46 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           mfd61rs
                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-222-177A-226
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Sequence 83, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: GC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewlit Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                  ö
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                                                                                                                                                                                                                                                       Length 46;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATR:
APPLICATION NUMBER: US/08/222,117A
                                                                                                                                                                                                                                                  Query Match
100.0%; Score 36; DB 1, I
Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 36; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 7.8e-05;
Matches 36; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                             1 CACACACACACACACACACACACACACACACACA 36
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INPORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30.492
REFERENCE/DOCKET NUMBER: 09865.601
TELEPHONE: (608) 831-2100
INFORMATION FOR SEQ ID NO: 346:
                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DNA (genomic)
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us-09-909-317-7.rni

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TYPE: DNA
ORGANISM: Homo sapiens
Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     inmediate source:
CLONE: mfd59re
US-08-222-177A-221
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                   USA
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Sequence 221, Application US/0822177A

Patent No. 5582979

GENERAL INFORMATION:
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dc-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                  APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 5317-1914
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
        2 CACACACACACACACACACACACACACACACACA 37
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Pred. No. 7.8e-05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                  Sequence 92, Application US/08222177A Patent No. 5582979 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (608) 831-210
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                        CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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99 STATE Wisconsin
COLDETKY: STATE WISCONSINE
CONTRESS: DESCRIPTION OF WISCONSINE
CONTRESS: DESCRIPTION OF WISCONSINE
FILMS DATE CATION DATE:
FILMS DA
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RESULT 28
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Sequence 361, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeMitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 95, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
                                                       Gaps
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     100.0%; Score 36; DB 4; Length 48; 100.0%; Pred. No. 7.8e-05;
                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Wisconsin
COUNTRY: USA
ZIP: 3317-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
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                                                                                                                                     40 CACACACACACACACACACACACACACACA S
                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 0986
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2106
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 361:
SEQUENCE CHARACTERISTICS:
LENGTH: 49 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: DNA (genomic) IMMEDIATE SOURCE:
Query Match 100.0%; Best Local Similarity 100.0%; Matches 36; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: double
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US-08-222-177A-186

J Sequence 186, Application US/0822177A

J Sequence 186, Application US/0822177A

J Sequence 186, Application US/0822177A

J SEREAL INFORMATION:

APPLICANT: Weber, James L.

APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dc-dA)n.(dd-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dewlit Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/22,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTONNEY/AGBNT INPORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Wisconsin
COUNTRY: USA
ZID: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILLING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             cacacacacacacacacacacacacacacacaca 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 36; DB 1; ilarity 100.0%; Pred. No. 7.9e-05; Conservative 0; Mismatches 0;
ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEFHONE: (608) 831-2106
TELEFAX: (608) 831-2106
                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DNA (genomic)
                                                                                                        ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 50 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 36; Conserva
                                                                 Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IMMEDIATE SOURCE:
CLONE: mfd15rs
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                                                Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS:
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                                                                                         COUNTRY:
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; Sequence 379, Application US/08222177A
DNA (genomic)
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STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: Wisconsin COUNTRY: USA
                 IMMEDIATE SOURCE:
CLONE: mfd103re
US-08-222-177A-328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Madison
MOLECULE TYPE:
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US-08-222-177A-379
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Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Meber, James L.
TITLE OF INVENTION: GC-dA)n. (GG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 36; DB 1; I Best Local Similarity 100.0%; Pred. No. 7.9e-05; Matches 36; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 CACACACACACACACACACACACACACACACACA 36
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8000 Excelsior Drive, Suite 401
               APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAMB: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 186:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 09
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd46rs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
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SEQUENCE CHARACTERISTICS:
LENGTH: 50 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Wisconsin
: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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STATE: Wiscons
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-222-177A-328
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Sequence 367, Application US/08222177A

Patent No. 5582979

GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Rose & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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Length 50;
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                                                Indels
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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/22,177A
FILING DATE:
CLASSIFICATION 435
PRIOR APPLICATION TAR:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTONNENYAGENT INFORMATION:
NAME: Sara, Charles S.
REGISCHATION NUMBER: 30,492
REGISCHATION NUMBER: 30,492
REGISCHATION INFORMATION:
TELEBENCH/DOCKET NUMBER: 09865.601
TELEBENCH/US: (608) 831-2106
                                                                                                                          11 CACACACACACACACACACACACACACACACACA 46
  100.0%; Score 36; DB 1; 100.0%; Pred. No. 7.9e-05; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CACACACACACACACACACACACACACACACA 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 367:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 base pairs
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; IMMEDIATE SOURCE:
; CLONE: mfd116rs
US-08-222-177A-367
  Query Match
Best Local Similarity 100.0
Matches 36; Conservative
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Sequence 317, Application US/08222177A Patent No. 5582979 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: DNA (genomic)
| IMMEDIATE SOURCE:
| CLONE: mfd13rs
| US-08-222-177A-89
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                                                                                                                                                                                                                                                                                                            TELEFAX: (608) 831-2106
TELEX:
                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 51 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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Best Local Similarity 100.0
Matches 36; Conservative
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                GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dG-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSE: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-222-177A-89

Sequence 89, Application US/08222177A

Sequence 89, Application US/08222177A

Sequence 89, Application US/08222177A

Patent No. 558299

TITLE OF INVENTION:

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSE: DeWitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401

CITY: Madison

STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 50;
                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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100.0%; Pred. No. 7.9e-05
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERRICE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
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COUNTRY: USA
ZIP: 5317-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
"WUTTER: IBM PC COMPATIBLE
"TOWNER: TRM PC COMPATIBLE
"TOWNER: TRM PC COMPATIBLE
"TOWNER: TRM PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: 379:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (608) 831-2100
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 50 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.
Best Local Similarity 100.
Matches 36; Conservative
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                                                                                                                                                                                                                                         USA
Patent No. 5582979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: li
                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
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                                                                                                                                                                                                                                              COUNTRY:
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APPLICATE: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara. Charles S.
REGISTRATION NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 CACACACACACACACACACACACACACACACACA
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               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION DATA:
CLASSIFICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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ZIP: 53717-1914
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS_DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 51 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  nucleic acid
EDNESS: double
                                                                                                                                                                                                                                                                                                      Wisconsin
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IMMEDIATE SOURCE:
CLONE: mfd106rs
                                                                                                                                                                                                                                                                                 CITY: Madison
STATE: Wiscons
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Madison
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US-08-222-177A-391
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STATE: Wi
COUNTRY:
                                                                                                                                                                                                                                                                                                                         COUNTRY:
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Sequence 125, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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                                                                                                                                                                                                  Query Match 100.0%; Score 36; DB 1; Length 51; Best Local Similarity 100.0%; Pred. No. 7.9e-05; Matches 36; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                 1 CACACACACACACACACACACACACACACACACA 36
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Pred. No. 7.9e-05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%;
                                                                         TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
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IMMEDIATE SOURCE:
CLONE: mfd102rs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 base pairs
SEQUENCE CHARACTERISTICS:
LENGTH: 51 base pairs
                    LENGTH: 51 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     36; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Wisconsin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                       mfd99rs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Madison
STATE: Wiscons
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic
STRANDEDNESS:
                                                                                                                                                              US-08-222-177A-317
                                                                                                                                                                                                                                                                                                                                                                                                      US-08-222-177A-325
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                                                                                                                                            CLONE
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Matches
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Sequence 337 Application US/08222177A
Patent No. 5282979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES. 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 391, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: (GC-dA)n. (GG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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                                                                                                                                                                                                                                              B: DeWitt Ross & Stevens, S.C.
8000 Excelsior Drive, Suite 401
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8000 Excelsior Drive, Suite 401
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
PILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONDICATION INFORMATION:
TELECHONE: (608) 831-2100
TELEPHAX: (608) 831-2106
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
INMEDIATE SOURCE:
CLONE: mfd94rs
US-08-222-177A-304
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100.0%;
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                           TELEPHONE: (608) 831-210
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0
Matches 36; Conservative
                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 53 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 56 base pairs
                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: double
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; IMMEDIATE SOURCE:
; CLONE: mfd5re
US-08-222-177A-65
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Sequence 304, Application US/08222177A

Patent No. 5582979

Patent No. 5582979

APPLICANT: Weber, James L.

TITLE OF INVENTION: (dG-dT)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:
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                                                                                                 OPERATING SYSTEM: PC-DUS/MS-LUS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IB PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
PILING DATE: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 36; DB 1; 1
100.0%; Pred. No. 7.9e-05;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
APTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBB PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 391: SEQUENCE CHARACTERISTICS: LENGTH: 51 base pairs TYPE: nucleic acid STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd124rs
                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    36; Conservative
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CITY: Madison
STATE: Wisconsin
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Best Local Similarity
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Sequence 65, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: OMBER, James L.
TITLE OF INVENTION: (GC-dA)n. (GG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
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  Length 53;
                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: JOHN TABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TBM PC compatible
COMPUTER: TBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
                                                                                                                            12 CACACACACACACACACACACACACACACACA 47
100.0%; Score 36; DB 1; 1
100.0%; Pred. No. 7.9e-05;
Live 0; Mismatches 0;
                                                                                              1 CACACACACACACACACACACACACACACACACA 36
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CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 0965.601
TELECHANNICATION INFORMATION:
TELECHANNICATION INFORMATION:
TELECHANS: (608) 831-2106
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us-09-909-317-7.rni

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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 56 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nucleic acid
EDNESS: double
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                                  Madison
Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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; CLONE: mfd125re
US-08-222-177A-394
                                                                           COUNTRY: USA
ZIP: 53717-1914
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STATE: Wi
COUNTRY:
                                                         STATE: WE COUNTRY:
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                                                                                                                                                           Sequence 307, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dG-dA)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
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Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
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Indels
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PatentIn Release #1.0, Version #1.25
                                                             11 CACACACACACACACACACACACACACACACA 46
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                                    1 CACACACACACACACACACACACACACACACA 36
0; Mismatches
                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 5377-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPALINE
OPERATING SYSTEM: PC-DOS/MS-DC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REPERDICE/DOCKET NUMBER: 0986;
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2106
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 307:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
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Best Local Similarity 100.0
Matches 36; Conservative
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LENGTH: 56 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
36; Conservative
                                                                                                                                                                                                                                                                                                                                                                         CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  mfd95rs
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US-08-222-177A-394
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Matches
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US-08-222-1774-128

Sequence 128, Application US/08222177A

Sequence 128, Application US/08222177A

Patent No. 558291

APPLICANT: Weber, James L.

APPLICANT: Weber, James L.

TITLE OF INVENTION: (dG-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

CORRESPONDENCE ADDRESS:

STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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ZIP: 53117-1914
ZIP: 53117-1914
COMPUTER READABLE FORM:
MEDIUM YEB: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,117A
                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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100.0%; Score 36; DB 1; I
Best Local Similarity 100.0%; Pred. No. 7.9e-05;
Matches 36; Conservative 0; Mismatches 0;
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ADDRESSEE: DeWitt Ross & Stevens, S.C. STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELEPHONE: (608) 831-2100
                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Clia
STATE: Wise
COUNTRY: USA
TO: 53717-1914
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; CLONE: mfd67rs
US-08-222-177A-244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: li
MOLECULE TYPE:
        ;
US-08-222-177A-382
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Sequence 382, Application US/0822177A

Patent No. 5582979

GENERAL INFORMATION:

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (do-dA)n.(dg-dT)n SEQUENCES AND METHODS OF USING SAME

NUMBER OF SEQUENCES:

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSEE: DeWitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                               Length 57;
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
100.0%; Score 36; DB 1; 1
Best Local Similarity 100.0%; Pred. No. 7.9e-05;
Matches 36; Conservative 0; Mismatches 0;
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                                                                                 09865.601
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
LENGTH: 57 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                       NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 0986
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2106
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/POCKET NUMBER: 0986
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 382:
                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic) IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (608) 831-2100
            ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
FILING DATE: 21-APR-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (608) 831-2106
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LENGTH: 57 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                   US-08-222-177A-128
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                                                                                                                                                                                                                                                                                                                                                  CLONE:
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APPLICANT: Weber, James L.

TITLE OF INVENTION: LENGTH POLYMORPHISMS IN

TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460

CORRESPONDENCE ADDRESS:

ADDRESSEE: DeWitt Ross & Stevens, S.C.
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                                                    Gaps
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     Length 57;
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Patent No. 5506118; APPLICANT: BERG, DAVID T.;GRINNELL, BRIAN W.
TITLE OF INVENTION: METHOD OF USING EUKARYOTIC EXPRESSION
                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OSTWARE: Patentin Release #1.0, Version #1.25
CURENT APPLICATION NATA:
APPLICATION NUMBER: US/08/222,177A
Query Match 100.0%; Score 36; DB 1; I
Best Local Similarity 100.0%; Pred. No. 7.9e-05;
Matches 36; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 36; DB 1; I
100.0%; Pred. No. 7.9e-05;
tive 0; Mismatches 0;
                                                                                                      1 CACACACACACACACACACACACACACACACACA 36
                                                                                                                                                        11 CACACACACACACACACACACACACACACACACACA 46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      B: DeWitt Ross & Stevens, S.C. 8000 Excelsior Drive, Suite 401
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REGISTRATION NUMBER: 30,492
REGISTRATION NUMBER: 09865.601
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                       US-08-222-177A-244
; Sequence 244, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (608) 831-2106
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SEQUENCE CHARACTERISTICS:
LENGTH: 60 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.
Matches 36; Conservative
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GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 36; DB 1; Length 65; 100.0%; Pred. No. 8e-05; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 CACACACACACACACACACACACACACACACACA 37
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                                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION UDATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-2PR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SATA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/222,177A
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; Patent No. 5582979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 134:
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: DNA (genomic);
inmediaTATE SOURCE:
i CLONE: mfd2zrs
US-08-222-177A-116
                                                                                                                                                                                                                                                                                    TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (608) 831-2100
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Best Local Similarity 100.4
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                               TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 65 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Madison
STATE: Wisconsin
COUNTRY: USA
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US.08-22-17A-116
US.08-22-17A-116
Sequence 116, Application US/08222177A
Sequence 10. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
TITLE OF SEQUENCES: 460
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                                                                                                                                                                                                                                                                                                                                    Length 62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   **PATENT NO. 5506118
**PATENT: BERG, DAVID T.;GRINNELL, BRIAN W.
TITLE OF INVENTION: METHOD OF USING EUKARYOTIC EXPRESSION
'YECTORS COMPRISING A POLY GT ELEMENT IN THE PRESENCE OF
'TRANS-ACTING GENE PRODUCTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 62;
                                                                                                                                                                                                                                                                                                                                                                             Indels
  ; VECTORS COMPRISING A POLY GT ELEMENT IN THE PRESENCE OF
                                                                                                                                                                                                                                                                                                                               Score 36; DB 6; Pred. No. 7.9e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                      36
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Pred. No. 7.9e-05;
                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
                  RANS-ACTING GENE PRODUCTS

NUMBER OF SEQUENCES: 13
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,475
FILING DATE: 23-AGG-1933
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 914,651
FILING DATE: 15-JUL-1992
APPLICATION NUMBER: 255,203
FILING DATE: 07-OCT-1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 13
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,475
FILING DATE: 23-340G-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 914,651
FILING DATE: 15-JUL-1992
APPLICATION NUMBER: 255,203
FILING DATE: 07-OCT-1988
                                                                                                                                                                                                                                                                                                                               100.0%;
100.0%;
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100.0%;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatib
OPERATING SYSTEM: PC-DOS/
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Best Local Similarity 100.
Matches 36; Conservative
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Best Local Similarity 100.
Matches 36; Conservative
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                                                                                                                                                                                                                                                               LENGTH: 62
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                                                                                                                                                                                                                                           SEQ ID NO:3
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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
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                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/573,080A CURRENT FILING DATE: 2000-05-16 NUMBER OF SEQ ID NOS: 479
SOFTWARE: Patentin version 3.0
LENGTH: 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIPICATION: 435
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Madison
STATE: Wisconsin
COUNTY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 72 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial
                     US-09-573-080A-450
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US-08-222-177A-131
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Patent No. 5582979
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsion Drive, Suite 401
CITY: Madison
STATE: Misconsin
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                                                                                                                                                                                                                      100.0%; Score 36; DB 1; Length 65; 100.0%; Pred. No. 8e-05; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 36; DB 1; Length 65;
Best Local Similarity 100.0%; Pred. No. 8e-05;
Matches 36; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 53711-1914

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,117A
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATE:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: SARA, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
                                                                                                           MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd28rs
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MOLECULE TYPE: DNA (genomic)
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         LENGTH: 65 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
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LENGTH: 65 base pairs
SEQUENCE CHARACTERISTICS
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STRANDEDNESS: double
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Best Local Similarity
Matches 36; Conserv
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Sequence 450, Application US/09573080A

Ratent No. 6828097

GENERAL INFORMATION:
APPLICANT: JOAN, KNOLL
APPLICANT: ROGAN, PETER
TITLE OF INVENTION:
FILE REFERENCE: 30307
                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
CTHER INFORMATION: Description of Artificial Sequence: repetitive sequence found in OTHER INFORMATION: many entherial genomes. Length of core repeating element is varia CTHER INFORMATION: ble and is often polymorphi
US-09-573-080A-450
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Patent No. 5582979

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES 460

CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
SSTREET: SOURCE ADDRESS:
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STREET: SOURCE SOURCE ADDRESS:
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd27rs
US-08-222-177A-131
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Query Match

100.0%; Score 36; DB 1; Length 72;

Best Local Similarity 100.0%; Pred. No. 8e-05;

Matches 36; Conservative 0; Mismatches 0; Indels

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0; Gaps

Search completed: June 2, 2005, 07:32:28 Job time : 79.7294 BecB

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Sequence 36, Appl
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Sequence 2621, Appl
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Sequence 25942, Appl
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Sequence 11295, Appl
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Sequence 21683, Appl
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	0-674-124A-10 0-674-124A-10 0-674-124A-11 0-674-124A-13	0-674-124A-8415 0-674-124A-1004	0-674-124A-720	0-674-124A-507	0-6/4-124A-//0 0-674-124A-174	0-674-124A-75	0-674-124A-2682	0-674-124A-2196 0-674-124A-2266	0-674-124A-1783	0-674-124A-1641 0-674-124A-1714	0-674-124A-1553	0-674-124A-1519	0-6/4-124A-1335	0-674-124A-1003 0-674-124A-1011	0-674-124A-9119	0-674-124A-84	0-674-124A-69	0-674-124A-38 0-674-124A-58	0-674-124A-13	0-674-124A-2655	0-674-124A-2393	0-674-124A-2299	0-674-124A-1814	0-674-124A-1360	0-674-124A-1440	0-674-124A-1257	0-674-124A-16 0-674-124A-49	0-674-124A-2686	0-674-124A-1920	0-674-124A-1903	0-674-124A-13/3	0-674-124A-1373	0-674-124A-1214	0-674-124A-1097	0-674-124A-1056	0-6/4-124A-91 0-674-124A-96	0-674-124A-69 0-674-124A-91	0-674-124A-65	0-674-124A-57	0-674-124A-1917	0-6/4-124A-2471 0-674-124B-2694	0-674-124A-2452	0-674-124A-2401	0-674-124A-2291	0-6/4-124A-1955 0-674-124A-1957	0-674-124A-1838 0-674-124A-1855	0-674-124A-1695	0-674-124A-1570	0-674-124A-1510	0-674-124A-1205	0-674-124A-1012	0-674-124A-93	0-674-124A-84		0-674-124A-83
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Sequence 25, Application US/09852903C Publication No. US20030104376A1 GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
                                       Query Match
Best Local Similarity 100.
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 39 base pairs
TYPE: nucleic acid
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98104-7092
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  US-09-852-903C-24
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US-09-852-903C-25
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; Pred. No. 6.7e-05;
0; Mismatches 0; Indels
                                                                                                                                                                                  Length 36;
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Publication No. US20040152075A1
GENERAL INFORMATION:
APPLICANT: Betty P. Tsao (Inventor)
APPLICANT: Rita M. Cantor (Inventor)
APPLICANT: Brome I. Rotter (Inventor)
TITLE OF INVERTION: Genetic Marker Test for Lupus
FILE REFERENCE: 18810-8315
CURRENT APPLICATION UNMER: US/09/909,317
CURRENT FILING DATE: 1999-03-29
PRIOR PILING DATE: 1999-03-29
NUMBER OF ESQ ID NOS: 7
SOFTWARE: FASTERO for Windows Version 4.0
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FOURLIAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Diatech Pty. Ltd.
TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EJH
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR APPLICATION NUMBER: US 60/202,559
PRIOR APPLICATION NUMBER: US 60/202,559
PRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PALENTIN VERSION 3.0
SEQ ID NO 24
LENGTH: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%;
                  TYPE: DNA
ORGANISM: artificial sequence
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ORGANISM: artificial sequence
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Best Local Similarity 100.0
Matches 36; Conservative
                                                        FEATURE:
NAME/KEY: misc feature
LOCATION: ()...()
OTHER INFORMATION: CA-19
US-09-852-903C-23
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OTHER INFORMATION: CA-20
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LENGTH: 36
LENGTH: 36
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DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
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  Length 38;
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Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
TITLE OF INVENTION:
INUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
SORTWART APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
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100.0%; Score 36; DB 9; 1
Best Local Similarity 100.0%; Pred. No. 6.8e-05;
Matches 36; Conservative 0; Mismatches 0;
                                                                                                 1 CACACACACACACACACACACACACACACACACA
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100.0%; Score 36; DB 10;
100.0%; Pred. No. 6.7e-05;
tive 0; Mismatches 0;
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TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EJH
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
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US-10-661-099-24
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## APPLICANT: VALILANY, JEAN-MARC
## APPLICANT: VALILANY, JEAN-MARC
## TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
## FILE REPRENCE: 0.29849/0206
## CURRENT APPLICATION NUMBER: US/10/661,088
## CURRENT PILING DATE: 2003-09-12
## PRIOR APPLICATION NUMBER: PCT/IB03/04573
## PRIOR APPLICATION NUMBER: 60/430,934
## PRIOR FILING DATE: 2002-09-13
## PRIOR FILING DATE: 2002-09-13
## PRIOR FILING DATE: 2002-09-13
## NUMBER OF SEQ ID NOS: 36
## SOFTWARE: PALENTIN VET. 3.2
## SEQ ID NO 24
## FEATURE OF SEQ ID NOS: 36
## SOFTWARE: PALENTIN VET. 3.2
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Sequence 24, Application US/10661097
Publication No. US20040162254A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: UTTEAN, DEAN MARC
TILE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
FILE REFERENCE: 029349/0204
CURRENT FILING DATE: 2003-09-12
PRIOR PILING DATE: 2003-09-11
PRIOR FILING DATE: 2003-09-11
                                                                                                                                                                                                                                                                                                                                        Length 40;
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PRIOR APPLICATION NUMBER: US 60/202,559
PRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin version 3.0
SEQ ID NO 25
LENGTH: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 24, Application US/10661088
Publication No. US20040162253A1
GENERAL INFORMATION:
                                                                                                                                              TYPE: DNA ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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NAME/KEY: misc feature
LOCATION: ()...()
OTHER INFORMATION: CA-21
US-09-852-903C-25
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Matches 36; Conserv
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Publication No. US20040171568A1
GENERAL INFORMATION:
APPLICANT: VAILLANT, ANDREW
APPLICANT: JUTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
FILE REFERENCE: 029849/0203
CURRENT APPLICATION NUMBER: US/10/661,099
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/1B03/04573
                                                                                                                                                                                                                                                                                                                                                                                                  Length 40;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
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Best Local Similarity 100.0%; Pred. No. 6.8e-05;
Matches 36; Conservative 0; Mismatches 0.
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                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 36; DB 18; 100.0%; Pred. No. 6.8e-05;
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Sequence 24, Application US/10661355

PUBLication No. US20040170559A1

GENERAL INFORMATION:
APPLICANT: UNITANT, ANDREW

APPLICANT: UNTEAU, DEAN MARC

TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REPERENCE: 02949/0208

CURRENT FILING DATE: 2003-09-12

PRIOR APPLICATION NUMBER: US/10/661,355

CURRENT FILING DATE: 2003-09-11

PRIOR APPLICATION NUMBER: 60/430,934

PRIOR APPLICATION NUMBER: 60/430,934

PRIOR APPLICATION NUMBER: 60/430,934

PRIOR APPLICATION NUMBER: 60/430,934

PRIOR FILING DATE: 2002-09-13

NUMBER OF SEQ ID NOS: 36

SOFTWARE: PatentIN Ver. 3.2

SEQ ID NO 24

LENGTH: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 24
                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                     36; Conservative
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Matches 36; Conserve
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us-09-909-317-7.rnpb

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Gape
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
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             ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                               Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6.8e-05;
hes 0;
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100.0%; Pred. No. 6.8e-05;
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TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EJH
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR APPLICATION NUMBER: US 60/202,559
PRIOR PILING DATE: 2000-05-09
PRIOR PILING DATE: 2000-05-09
PRIOR PILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin version 3.0
SEQ ID NO 26
LENGTH: 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: MCMASters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEFAX: (206) 622-4900
TELEFAX: (206) 622-4900
TELEFAX: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
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100.0%; Score 36;
Best Local Similarity 100.0%; Pred. No. 6
Matches 36; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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, Sequence 26, Application US/09852903C
; Publication No. US20030104376A1
; GENERAL INPORMATION:
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Best Local Similarity 100.
Marches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 41 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; LUCALIUN: ()...()
; OTHER INFORMATION: CA-22
US-09-852-903C-26
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                                                                            Seattle
Washington
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                                                                                                                                                                            98104-7092
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                                                                                                                                                 COUNTRY:
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NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic; CTHER INFORMATION: Oligonucleotide US-10-661-099-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
PEATURE REPROMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: oligonucleotide
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APPLICANT: UTEAU, JEAN-MARC
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING RSV
FILE REFERENCE: 029849/0205
CURRENT APPLICATION NUMBER: US/10/661,415
CURRENT FILING DATE: 2003-09-12
FRIOR APPLICATION NUMBER: PCT/1B03/04573
FRIOR PILING DATE: 2003-09-11
FRIOR APPLICATION NUMBER: 60/430,934
FRIOR APPLICATION NUMBER: 60/410,264
FRIOR APPLICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 36; DB 18; Length 40; Best Local Similarity 100.0%; Pred. No. 6.8e-05; Matches 36; Conservative 0; Mismatches 0; Indels
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PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR PILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PALENLIN Ver: 3.2
SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 495, Application US/09263959; Patent No. US20020150891A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-661-415-24
; Sequence 24, Application US/10661415
; Publication No. US20040229828A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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US-09-263-959-495/c
                                                                                                                                                                                                                                                                                    LENGTH: 40
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Sequence 33, Application US/09971353
Publication No. US20030113723A1
GENERAL INFORMATION:
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Best Local Similarity 100.0%; Pred. No. 6.8e-05;
Matches 36; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 36; DB 10;
Best Local Similarity 100.0%; Pred. No. 6.8e-05,
Matches 36; Conservative 0; Mismatches 0
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Publication No. US20030104376A1
GENERAL INFORMATION:
APLICANT: DIALECH PLY. Ltd.
TITLE OF INVENTION: An assay
FILE REPRENCE: 2414418/EJH
CURRENT APPLICATION NUMBER: US 60/202,771
PRIOR PELLING DATE: 2000-05-09
PRIOR PELLING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin version 3.0
SEQ ID NOS: 38
                                                                                                                                 APPLICANT: Diatech Pty. Ltd.
TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EUH
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR APPLICATION NUMBER: US 60/202,559
PRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin version 3.0
SEQ ID NO 27
LENGTH: 44
                                                                    ; Sequence 27, Application US/09852903C; Publication No. US20030104376A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: misc feature LOCATION: ()...()
OTHER INFORMATION: CA-23
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COCATION: ()..()
COTHER INFORMATION: CA-24
US-09-852-903C-28
                                                  US-09-852-903C-27
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RESULT 15 US-09-971-353-33

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APPLICANT: Bapat, Bharati
APPLICANT: Rose, Melanie Anne
APPLICANT: Rose, Melanie Anne
TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPLI
FILE REFERENCE: 11757.54USU1
CURRENT APPLICATION NUMBER: US/09/971,353
CURRENT APPLICATION NUMBER: US 60/237,884
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.1
SEQ ID NO 33
LENGH: 46
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Sequence 571, Application US/09263959
Sequence 571, Application US/09263959
SEPTICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Rowen, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FLING DATE: 05-MAR-1999
CLASSIFICATION:
NAME: MCMARATION:
NAME: MCMARATION:
NAME: MCMARATION:
NAME: MCMARATION:
NAME: WCMARATION NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Seed and Berry LLP 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0%; Pred. No. 6.8e-05;
Matches 36; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 6.8e-05;
Matches 36; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 47 base pairs
TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
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STATE: Washington
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Sequence 234, Application US/10085906

Publication No. US20030054371A1

Spublication No. US20030054371A1

Spublication No. US20030054371A1

APPLICANT: Wu, Paul

APPLICANT: Gray, Gary S.

TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

FILE REFERENCE: GNN-5343CP2

CURRENT APPLICATION NUMBER: US/10/085,906

CURRENT APPLICATION NUMBER: US 60/126,215

PRIOR APPLICATION NUMBER: US 60/126,215

PRIOR APPLICATION NUMBER: US 69/534,061

PRIOR APPLICATION NUMBER: PCT/US00/07938

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

PRIOR STUING DATE: 2000-03-24

NUMBER OF SEC ID NOS: 545

SOFTWARE: FastSEQ for Windows Version 4.0

TENTIOR 10 234
                                            APPLICANT: Ying, Vincent
APPLICANT: Ying, Vincent
APPLICANT: Ying, Vincent
APPLICANT: Ying, Vincent
APPLICANT: W. Paul
APPLICANT: W. Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2 2002-02-27
CURRENT APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR PILING DATE: 1090-03-24
PRIOR PILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 114
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100.0%; Score 36; DB 14;
Best Local Similarity 100.0%; Pred. No. 6.8e-05;
Matches 36; Conservative 0; Mismatches 0;
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; Publication No. US20030054371A1
US20030054371A1
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US-10-085-906-234/c
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US-10-085-906-306/c
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APPLICANT: Bapat, Melanie Anne
APPLICANT: Rose, Melanie Anne
TITLE OP INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPL
FILER REPERENCE: 11757.54USU1
CURRENT APPLICATION NUMBER: US/09/971,353
FRIOR APPLICATION NUMBER: US 60/237,884
PRIOR PILING DATE: 2000-10-04
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CACACACACACACACACACACACACACACACACA 36
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                                                                                                                                                                                                                                                             APPLICANT: Diatech Pty. Ltd.
TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/5UH
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT FILING DATE: 2001-05-09
PRIOR PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
NUMBER OF SEQ ID NOS: 38
SOUTWARE: Patentin version 3.0
SEQ ID NO 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                    Sequence 29, Application US/09852903C Publication No. US20030104376A1
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; Sequence 114, Application US/10085906
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Publication No. US20030113723A1
GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 48
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US-09-971-353-28
                                                                                                                                                                                                                                         GENERAL INFORMATION
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                                                                                                                                                              US-09-852-903C-29
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LUCANT: STAVRIANOPOULOS, JANNIS G.

APPLICANT: STAVRIANOPOULOS, JANNIS G.

TITLE OF INVENTION: THEREOR

TITLE OF INVENTION: THEREOR

TITLE OF INVENTION: THEREOR

CURRENT APPLICATION NUMBER: US/10/407,818

CURRENT FILING DATE: 2003-04-03

NUMBER OF SEQ ID NOS: 16

SEQ ID NO 6

LENGTH: 50
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APPLICANT: Wu, Paul
APPLICANT: Wu, Paul
APPLICANT: Wu, Paul
APPLICANT: Gary, Gary
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REPERRORE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
TURNICH. A
                                                                                                                                                       APPLICANT: Ying, Vincent
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: Wu, Paul
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT PILING DATE: 2002-02-7
CURRENT APPLICATION NUMBER: US 60/126,215
PRIOR PELING DATE: 1999-03-25
PRIOR PELING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR PILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: PattSEQ for Windows Version 4.0
LENGTH: 48
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Publication No. US20030054371A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             36; Conservative
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US-10-085-906-306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens
US-10-085-906-360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
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| FULLILEARIZOR NO. USZUDJUUGY 143741 |
| GENERAL INFORMATION |
| APPLICANT: University of Utah Research Foundation |
| TITLE OF INVENTION: UNIVERSITY ON UNBERS OF HIV |
| TITLE OF INVENTION: CAPEID CONFORMATIONAL CHANGES AND FOR HIV CAPEID FORMATION |
| FILE REFERENCE: 21101.0015p1 |
| CURRENT APPLICATION NUMBER: 60/307,998 |
| PRIOR APPLICATION NUMBER: 60/303,553 |
| PRIOR FILING DATE: 2001-07-01 |
| PRIOR FILING DATE: 2001-11-26 |
| NUMBER OF SEQ ID NOS: 32 |
| SOFTWARE: FastSEQ for Windows Version 4.0 |
| LENGTH: 50
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                                                                                                                                                                                                                                                                                                                      Gaps
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
OTHER INFORMATION: Synthetic oligonucleotide
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
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                                                                                                                                                                                                                                                                  Length 50;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 50;
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                                                                                                                                                                                   ; OTHER INFORMATION: may be 3'-amidated or -biotin dUUS-10-407-818-6
                                                                                                                                                                                                                                                             100.0%; Score 36; DB 18;
100.0%; Pred. No. 6.8e-05;
tive 0; Mismatches 0;
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ilarity 100.0%; Pred. No. 6.8e-05;
Conservative 0; Mismatches 0;
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US-09-971-353-25
Sequence 25, Application US/09971353
; Publication No. US20030113723A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 24
US-10-484-784-28/c
'Sequence 28, Application US/10484784
'Publication No. US20050009743A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0
Matches 36; Conservative
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Best Local Similarity
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Sequence 6, Application US/10407818 Publication No. US20040198971A1 GENERAL INFORMATION:

US-10-407-818-6

RESULT 23

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Gaps
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100.0%; Pred. No. 6.8e-05;
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Pred. No. 6.8e-05;
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TITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EJH
FILE REFERENCE: 2414918/EJH
CURRENT APPLICATION NUMBER: US 60/202,771
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-10
FILING THE THE SECTION NOS: 38
COFTWARE: Patentin version 3.0
FENGTH: 58
TYPE: DAM
ORGANISM: Artificial sequence
                       APPLICANT: Diatech Pty. Ltd.
TITLE OF INVENTION: An assay
FILE REPERENCE: 2414918/EJH;
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR PLILING DATE: 2000-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin version 3.0
SEQ ID NO 31
LENGTH: 56
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US-09-852-903C-32
IS-09-862-903C-32
Sphiloation No. US20030104376A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%;
                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: artificial sequence
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Best Local Similarity 100...
Local 36; Conservative
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| LOCATION: ()...()

| OTHER INFORMATION: US+CA19

US-09-852-903C-32
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Matches 36; Conservative
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| LOCATION: ()..()

| OTHER INFORMATION: US+CA18

US-09-852-903C-31
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GENERAL INFORMATION:

APPLICANT: Bapat, Bharati
APPLICANT: Rose, Melanie Anne
APPLICANT: Rose, Melanie Anne
TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPI
FILE REPERENCE: 11757.54USU1
CURRENT APPLICATION NUMBER: US/09/971,353
CURRENT APPLICATION NUMBER: US 60/237,884
PRIOR APPLICATION NUMBER: US 60/237,884
PRIOR FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 25
LENGTH: 52
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; Sequence 13669, Application US/09814353
; Publication No. US20030165831A1
; GENERAL INFORMATION:
; APPLICANT: Lee, John
; APPLICANT: Lillie, James
; TITLE OF INVENTION: DEMTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND
; TITLE OF INVENTION: THERAPY OF OVARIAN CANCER
; FILE REFERENCE: MRI-006B
; CURRENT APPLICATION NUMBER: US 60/191,031
; PRIOR PILLING DATE: 2000-03-21
; PRIOR FILLING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: US 60/207,124
; PRIOR FILING DATE: 2000-06-15
; PRIOR FILING DATE: 2000-06-15
; PRIOR FILING DATE: 2000-06-15
; PRIOR FILING DATE: 2000-07-25
; PRIOR FILING DATE: 2000-07-25
; PRIOR FILING DATE: 2000-07-25
; PRIOR PRIOR FILING DATE: 2000-07-25
; PRIOR PRIOR PRIOR OF STELLING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/257,672
; PRIOR PRIOR PRIOR DATE: 2000-07-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 36; DB 10; Best Local Similarity 100.0%; Pred. No. 6.8e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 CACACACACACACACACACACACACACACACACA 36
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SOFTWARE: FastSEQ for Windows Version 4.0
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Best Local Similarity 100.
Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 36; Conservative
                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
; ORGANISM: Homo sapiens
US-09-971-353-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-814-353-13669
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APPLICANT: Diatech Pty. Ltd. TITLE OF INVENTION: An assay

Sequence 31, Application US/09852903C Publication No. US20030104376A1

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TITLE OF INVENTION: THEREFOR
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Best Local Similarity 100.0
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US-09-852-903C-34
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                                                                                                                                             SEQ ID NO 15
                                                                                                                                                                                                                                         FEATURE:
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APPLICANT: STANRIANDOULOS, JANNIS G.
APPLICANT: DONEGAN, JAMES J.
TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
TITLE OF INVENTION: THEREFOR
FILE REFERENCE: ENZ-65
CURRENT APPLICATION NUMBER: US/10/407,818
CURRENT FILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PATENTIN Ver. 2.1
LENGTHA: 61
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APPLICANT: STAVRIANOPOULOS, JANNIS G.
APPLICANT: DONEGAN, JAMES J.
TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 60;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Combined DNA/RNA Molecule: OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 36; DB 10;
Best Local Similarity 100.0%; Pred. No. 6.9e-05;
Matches 36; Conservative 0; Mismatches 0;
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FILE REFERENCE: 2414918/EJH
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-10
PRIOR FILING DATE: 2000-05-10
SEQID NOS: 38
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 12, Application US/10407818
Publication No. US20040198971A1
GENERAL INFORMATION:
APPLICANT: RABBANI, ELAZAR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 15, Application US/10407818
Publication No. US20040198971A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                            ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                        LOCATION: ()..()
OTHER INFORMATION: US+CA20
                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc feature LOCATION: ()...()
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US-10-407-818-12/c
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                                                                                                                                                                                                                                  LENGTH: 60
                                                                                                                                                                                                                                                            TYPE: DNA
                                                                                                                                                                                                                                                                                                         FEATURE:
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APPLICANT: Bapat, Bharati
APPLICANT: Rose, Melanie Anne
TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPLE
FILE REFERENCE: 11757-54USU1
CURRENT APPLICATION NUMBER: US/09/971,353
CURRENT FILING DATE: 2001-10-04
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                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; CTHER INFORMATION: oligonucleotide
US-10-407-818-15
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                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Combined DNA/RNA Molecule: OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 61;
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100.0%; Score 36; DB 10;
Best Local Similarity 100.0%; Pred. No. 6.9e-05;
Matches 36; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 36; DB 18; 100.0%; Pred. No. 6.9e-05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JANUAL INFORMATION: An assay
FILE REFERENCE: 2414918/CMJ
FURENCE: 2414918/CMJ
CURENT PEDILICATION NUMBER: US/09/852,903C
CURENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-09
NUMBER OF SEQ ID NOS: 38
SEQ ID NO 34
LENGTH: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
FILE REFERENCE: ENZ-65
CURRENT APPLICATION NUMBER: US/10/407,818
CURRENT FILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 16
SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-852-903C-34
. Sequence 34, Application US/09852903C
. Publication No. US20030104376A1
. GENERAL INFORMATION:
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; Sequence 29, Application US/09971353
; Sequence 10, Application US/09971353
; GENERAL INFORMATION:
                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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us-09-909-317-7.rnpb

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) ORGANISM: artificial sequence; FEATURE:
) NAME/KRY: misc feature
LOCATION: ()..()
) OTHER INFORMATION: US+CA23
US-09-852-903C-36
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nes 36; Conserve
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100.0%; Score 36; DB 10;
Best Local Similarity 100.0%; Pred. No. 6.9e-05;
Matches 36; Conservative 0; Mismatches 0;
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FUDICATION NO. US20030104376A1
GENERAL INFORMATION:
APPLICANT: Diatech Pty. Ltd.
ITLE OF INVENTION: An assay
FILE REFERENCE: 2414918/EJH
CURRENT FILING DATE: 2001-05-09.
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-10
PRIOR FILING DATE: 2000-05-10
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APPLICANT: Distech Pty. Ltd.
TITLE OF INVENTION: An assay;
FILE REFERENCE: 2414918/EJH
CURRENT APPLICATION NUMBER: US/09/852,903C
CURRENT APPLICATION NUMBER: US 60/202,771
PRIOR FILING DATE: 2000-05-09
PRIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin version 3.0
SOFTWARE: Patentin version 3.0
PRIOR APPLICATION NUMBER: US 60/237,884
PRIOR FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.1
SEQ ID NO 29
LENGTH: 62
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; Sequence 36, Application US/09852903C
; Publication No. US20030104376A1
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i_location: ()...()
cTHER INFORMATION: US+CA22
US-09-852-903C-35
                                                                                                                                                              ; ORGANISM: Homo sapiens
US-09-971-353-29
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Sequence 450, Application US/09854867

Sequence 450, Application US/09854867

Publication No. US20030224356A1

GENERAL INFORMATION:

APPLICANT: JOAN, KNOLL H

APPLICANT: DOAN, PETER K

TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING CURRENT APPLICATION UNMERS. US/09/854,867

CURRENT APPLICATION UMPER: US/09/854,867

CURRENT FILING DATE: 2003-05-08

SOFTWARE PALENTIN SATE: 2003-05-08

SOFTWARE PALENTIN Version 3.1

SEQ ID NO 450

LENGTH: 69
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                                                                                                     Gaps
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Length 66;
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100.0%; Score 36; DB 10;
100.0%; Pred. No. 6.9e-05;
tive 0; Mismatches 0;
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; Sequence 37, Application US/09852903C
; Publication No. US20030104376A1
; GENERAL INFORMATION:
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| LOCATION: ()..()
| OTHER INFORMATION: US+CA24
US-09-852-903C-37
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Matches 36; Conservative
                                                                                                     Conservative
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Gaps
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Publication No. US20040072156A1

GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Sitto, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILLE REFERENCE: FORS.06994
CURRENT APPLICATION NUMBER: US/10/035,833A

CURRENT FILING DATE: 2001-12-27
                                                                                                                                                                                                                                               APPLICANT: NAKAMUTA, YUHO
APPLICANT: Sekine, Akihiro
APPLICANT: 11da, Aritoshi
APPLICANT: 11da, Aritoshi
APPLICANT: 13410, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REPERENCE: FORS-06904
CURRENT APLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
     1 CACACACACACACACACACACACACACACACACA 36
                                 21 CACACACACACACACACACACACACACACACA 56
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OTHER INFORMATION: ca is present or absent.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature; LOCATION: (55)...(56); OTHER INFORMATION: Ca is present or absent...(5-10-035-833A-2662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         or absent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: (53)...(54)
OTHER INFORMATION: ca is present or absent
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                                                                                                                                                    US-10-035-833A-2662

Sequence 2662, Application US/10035833A

; Publication No. US20040072156A1

; GENERAL INFORMATION:
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LOCATION: (47)...(48)
OTHER INFORMATION: ca is present
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LOCATION: (49)...(50)
OTHER INFORMATION: ca is present
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LOCATION: (51)...(52)
OTHER INFORMATION: ca is present
                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 7669 SOFTWARE OF SEQ ID NOS: 7669 SOFTWARE: patentin version 3.2 SEQ ID NO 2662 LENGTH: 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: misc_feature
LOCATION: (53)..(54)
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc feature LOCATION: (45)..(46)
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Matches 36; Conserve
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Sequence 450, Application US/10786970A
Publication No. US2005064449A1
ENERRALIANT: US2005064449A1
APPLICANT: USAN, KNOLL
APPLICANT: GOAN, KNOLL
APPLICANT: USAN, ETER
TITLE OF INVENTION: SINGLE COPY GENOMIC HYBRIDIZATION PROBES AND METHOD OF GENERATING
FILE REFERENCE: 30307
CURRENT APPLICATION NUMBER: US/10/786,970A
FRIOR APPLICATION NUMBER: US/09/573,080
PRIOR APPLICATION NUMBER: US/09/573,080
PRIOR PRILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 479
SOFTWARE: Patentin version 3.0
SEQ ID NO 450
LENGTH: 69
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100.0%; Score 36; DB 10; Length 69; 100.0%; Pred. No. 6.9e-05; ive 0; Mismatches 0; Indels
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                                                                                                                                 2 CACACACACACACACACACACACACACACACACACA 37
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                                                                                                     1 CACACACACACACACACACACACACACACACACA 36
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; Publication No. US20030104376A1
; GENERAL INFORMATION:
    APPLICANT: Diatech Pty. Ltd.
    TITLE OF INVENTION: An assay
    FILE REFERENCE: 2414918/EJH
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: US 60/202,771
; PRIOR APPLICATION NUMBER: US 60/202,771
; PRIOR APPLICATION NUMBER: US 60/202,559
; PRIOR APPLICATION NUMBER: US 60/202,559
; RIOR FILING DATE: 2000-05-10
NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PALENTIN VERSION 3.0
; SEQ ID NO 38
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US-09-852-903C-38
                                                   36; Conservative
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                            Best Local Similarity
                                                                                                                                                                                                                            RESULT 38
US-10-786-970A-450
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     Query Match
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                                                   Matches
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PRIOR APPLICATION NUMBER: 10/257,511
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APPLICANT: Sekine, Akihiro
APPLICANT: Sekine, Akihiro
APPLICANT: Ida, Aritoshi
APPLICANT: Ida, Aritoshi
APPLICANT: Salto, Osamu
ITILE OF INVENTION: Detection of Genetic Polymorphisms
FILE REPERENCE: FORS.06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
SEQ ID NO 6881
LENGTH: 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 36; DB 17;
100.0%; Pred. No. 6.9e-05;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: misc feature
LOCATION: (55)...(56)
OTHER INFORMATION: ac is present or absent.
US-10-035-833A-5212
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LOCATION: (47) ... (48)
OTHER INFORMATION: ca is present or absent.
                                                                                                                                                                                                                                                NAME/KEY: misc feature
LOCATION: (53) ... (54)
OTHER INFORMATION: ac is present or absent.
                                                                                                                                                                                  LOCATION: (51)..(52)
OTHER INFORMATION: ac is present or absent
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OTHER INFORMATION: ca is present or absent.
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OTHER INFORMATION: ca is present or absent
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OTHER INFORMATION: ca is present or absent
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OTHER INFORMATION: ca is present
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
SEQ ID NO 5512
LENGTH: 76
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Best Local Similarity 100.0
Matches 36; Conservative
                                                                                                                                                        NAME/KEY: misc feature
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LOCATION: (53)..(54)
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LOCATION: (55)..(56)
                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
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OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of OTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and OTHER INFORMATION: 5'-terminus of this base sequence : 69641
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OTHER INFORMATION: Distance between a terminus base of telomere on OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base PEATURE:
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APPLICANT: INFORMATION:

APPLICANT: TAMIYA, GEN
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-0032IP
CURRENT FILING DATE: 2003-09-26
FRIOR PELING DATE: 2003-09-26
FRIOR PELING DATE: 2003-09-17
FRIOR PLING DATE: 2000-10-30
FRIOR PLING DATE: 2000-10-30
FRIOR PLING DATE: 2000-112699
FRIOR PLING DATE: 2000-04-13
FRIOR PLING DATE: 2000-04-13
FRIOR PLING DATE: 2000-04-13
FRIOR FILING DATE: 2000-09-28
FRIOR FILING DATE: 2000-09-28
FRIOR FILING DATE: 2000-09-28
FRIOR FILING DATE: 2002-09-28
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Length 76;
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APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REFERENCE: OSIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
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100.0%; Pred. No. 6.9e-05;
tive 0; Mismatches 0;
Query Match 100.0%; Score 36; DB 17; Best Local Similarity 100.0%; Pred. No. 6.9e-05; Matches 36; Conservative 0; Mismatches 0;
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                                                                                                                                              1 CACACACACACACACACACACACACACACACACA 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE: OTHER INFORMATION: Located on chromosome X
                                                                                                                                                                                                                                                                                                                                                         US-10-674-124A-25942/c
; Sequence 25942, Application US/10674124A
; Publication No. US20040197797A1
; GENERAL INFORMATION:
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OTHER INFORMATION: DXS6741
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ORGANISM: Homo sapiens
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Best Local Similarity
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; OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of ; OTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and ; OTHER INFORMATION: 5'-terminus of this base sequence : 470079
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CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR PILING DATE: 2003-09-07
PRIOR FILING DATE: 2000-10-30
PRIOR PILING DATE: 2000-10-30
PRIOR APPLICATION NUMBER: UP2002-327516
PRIOR APPLICATION NUMBER: UP2002-327516
PRIOR PILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
                                                                                                                                                                                 Length 81;
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Publication No. US20040197797A1
GENERAL INFORMATION:
APPLICANT: INORO, Hidetoshi
APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENER MAPPING WETHOD USING MICROSATELLITE
TITLE OF INVENTION: GENER MAPPING MARKERS
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100.0%; Score 36; DB 18;
Best Local Similarity 100.0%; Pred. No. 6.9e-05;
Matches 36; Conservative 0; Mismatches 0;
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                                                                                                                                                                                 100.0%; Score 36; DB 18;
100.0%; Pred. No. 6.9e-05;
iive 0; Mismatches 0;
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                                                                                                                                                                                 Query Match
Best Local Similarity 100.
Matches 36; Conservative
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ORGANISM: Homo sapiens
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US-10-674-124A-53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Distance between a terminus base of telomere on chromosomal short arm and 5'-terminus of this base
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APPLICANT: TAMIYA, Gen
TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS
FILE REPERENCE: ORIN-003CIP
CURRENT APPLICATION UNMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
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PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-04-13
PRIOR FILING DATE: 2000-04-13
PRIOR PRIOR DATE: 2002-09-28
PRIOR PRILICATION NUMBER: JP2002-327516
PRIOR PILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110

LENGTH: 79
LENGTH: 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Located on chromosome FEATURE:
OTHER INFORMATION: Distance between a ten OTHER INFORMATION: chromosomal short arm OTHER INFORMATION: sequence:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7594, Application US/10674124A Publication No. US20040197797A1 GENERAL INFORMATION:
                                        FILING DATE: 2003-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
OTHER INFORMATION: D19S413
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: D4S422 FEATURE:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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APPLICANT: Mount, David B.
APPLICANT: Mount, David B.
APPLICANT: Delpire, Eric
APPLICANT: Gamba, Gerardo
APPLICANT: Gamba, Gerardo
APPLICANT: Alfred L. George, Jr.
TITLE OF INVENTION: PURIFIED AND ISOLATED POTASSIUM-CHLORIDE COTRANSPORTER NUCLEIC ACT
TITLE OF INVENTION: PURPERENTIC AND SCREENING METHODS USING SAME
FILE REFERENCE: Attorney Docket No. US20030027983A1 1242-26-2
CURRENT FILING DATE: 2001-04-16
NUMBER OF SEQ ID NOS: 131
SSQ ID NO 118
LENGTH: 84
                                                                                                                   OTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of CTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and; OTHER INFORMATION: 5'-terminus of this base sequence : 6572 US-10-674-124A-22476
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OTHER INFORMATION: Distance between a terminus base of telomere on OTHER INFORMATION: chromosomal short arm and 5'-terminus of this base OTHER INFORMATION: sequence : 93028109
FEATURE:
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APPLICANT: INOXO, Hidetoshi
APPLICANT: INOXO, Hidetoshi
APPLICANT: TAMIYA, Gen
TILLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE
TITLE OF INVENTION: GENE TO POLYMORPHISM MARKERS
FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2000-09-26
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR APPLICATION NUMBER: 10/257,511
PRIOR APPLICATION NUMBER: PCT/JP00/07621
PRIOR PILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-00-31
PRIOR PILING DATE: 2000-00-31
PRIOR PLING DATE: 2000-04-13
PRIOR PLING DATE: 2002-09-28
PRIOR PLING DATE: 2002-09-28
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR PLING DATE: 2002-09-28
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR APPLICATION NUMBER: JP2002-327516
PRIOR FILING DATE: 2002-09-28
PRIOR FILING DATE: 2002-02-28
PRIOR FILING DATE: 2002-12-09
NUMBER OF SEQ ID NOS: 27110
                                                                                                                                                                                                                                                                                      Length 83;
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                                                                                                                                                                                                                                                      100.0%; Score 36; DB 18;
100.0%; Pred. No. 6.9e-05;
M.cmatches 0;
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100.0%; Pred. No. 6.9e-05;
tive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 118, Application US/09835976B
Publication No. US20030027983A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.
Best Local Similarity 100.
Matches 36; Conservative
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CORGANISM: homo sapiens
US-09-835-976B-118
                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
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PUblication No. US20040197797A1

GENERAL INFORMATION:

APPLICANT: INANYA, Gen

TITLE OF INVENTION: GENE MAPPING METHOD USING MICROSATELLITE

TITLE OF INVENTION: GENETIC POLYMORPHISM MARKERS

FILE REFERENCE: ORIN-003CIP

CURRENT APPLICATION NUMBER: 10/257,511

PRIOR PILING DATE: 2003-03-07

PRIOR PILING DATE: 2000-10-30

PRIOR PILING DATE: 2000-10-30

PRIOR PELING DATE: 2000-04-13

PRIOR PELING DATE: 2000-09-28

PRIOR PILING DATE: 2002-09-28

PRIOR PILING DATE: 2002-09-28

PRIOR PILING DATE: 2002-12-09

NUMBER OF SEQ ID NOS: 27110

SEQ ID NO 22476
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Best Local Similarity 100.0%; Pred. No. 6.9e-05;
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FILE REFERENCE: ORIN-003CIP
CURRENT APPLICATION NUMBER: US/10/674,124A
CURRENT FILING DATE: 2003-09-26
FRIOR APPLICATION NUMBER: 10/257,511
PRIOR FILING DATE: 2003-03-07
FRIOR PELLING DATE: 2000-10-30
FRIOR PELLING DATE: 2000-04-13
FRIOR PELLING DATE: 2000-04-13
FRIOR PELLING DATE: 2000-04-13
FRIOR FILING DATE: 2000-04-13
FRIOR FILING DATE: 2002-09-28
FRIOR FILING DATE: 2002-09-28
FRIOR FILING DATE: 2002-12-09
FRIOR FILING DATE: 2002-13-09-28
FRIOR FILING DATE: 2002-12-09
FRIOR FILING DATE: 2002-12-09
FRIOR FILING DATE: 2002-12-09
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OTHER INFORMATION: Located on chromosome 16
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Located on chromosome 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
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LENGTH: 85
LENGTH: 85
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Search completed: June 2, 2005, 11:58:35 Job time: 322.494 secs

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Gaps

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Query Match

100.0%; Score 36; DB 18; Length 85;
Best Local Similarity 100.0%; Pred. No. 6.9e-05;
Matches 36; Conservative 0; Mismatches 0; Indels

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